STIC Search Report
EIC 2600

STIC Database Tracking Number: 11205

TO:	From:
Scott Beliveau Location: PK2-6C41 Art Unit : 2614 Friday, January 16, 2004 Case Serial Number: 09/716682	Vamshi Kalakuntla Location: EIC 2600 PK2-3C03 Phone: 306-0254 Vamshi.kalakuntla@uspto.gov

Search Notes

Dear Scott Beliveau;

Attached please find the results of your search request 09/716682.
I used the search strategy I emailed to you to edit, not hearing from you I proceeded.
I searched the standard Dialog files, IBM TDBs, IEEE, the wayback machine, and the internet.

If you would like a re-focus please let me know.
Please feel free to contact me if you have questions or concerns. Thank you and have a great day.

Please take a moment and fill out the attached feedback form. Thank you.

```
File   2:INSPEC 1969-2004/Jan W1
         (c) 2004 Institution of Electrical Engineers
File   6:NTIS 1964-2004/Jan W2
         (c) 2004 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2004/Jan W1
         (c) 2004 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2004/Jan W2
         (c) 2004 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2004/Dec
         (c) 2004 ProQuest Info&Learning
File  65:Inside Conferences 1993-2004/Jan W2
         (c) 2004 BLDSC all rts. reserv.
File  94:JICST-EPlus 1985-2004/Jan W1
         (c)2004 Japan Science and Tech Corp(JST)
File  95:TEME-Technology & Management 1989-2004/Dec W4
         (c) 2004 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2003/Nov
         (c) 2003 The HW Wilson Co.
File 144:Pascal 1973-2004/Jan W1
         (c) 2004 INIST/CNRS
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
         (c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2004/Jan 14
         (c) 2004 ProQuest Info&Learning
? ds

Set     Items   Description
S1      23021   ((SECURITY OR AUTHORI?)(3N)(POLIC? OR MODULE? ? OR CONDITI-
             ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR
              ACCESS?(3N)CONTROL?) AND (SOFTWARE OR SOFT()WARE OR PROGRAM?
             OR APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?)
S2        491   S1 AND (TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV
             OR WEBTV OR WEB()TV OR INTERNET(3N)TV)
S3          2   (EPG OR ELECTRONIC()PROGRAMMING()GUIDE? ? OR VIDEO(1N)DEMA-
             ND OR VOD OR PAY()PER()VIEW OR PPW)(10N)(PARENTAL()(LOCKOUT? -
             OR LOCK()OUT OR CONTROL?) OR AGE(5N)RATING? ?)
S4          2   S3 AND S1
S5        119   S2 AND (TIME OR DATE OR DAY OR RATING? ? OR (CURRENT OR PR-
             ESENT OR USER? ? OR CHANNEL OR TUNER)(3N)(STATE? ? OR PREFERE-
             NCE? ? OR ENVIRONMENT? OR SELECT?))
S6          8   (CONDITION? OR EXPRESSION?) AND S5
S7          8   RD S6 (unique items)
S8          5   S7 NOT PY>1998
S9        111   S5 NOT S6
S10        92   RD S9 (unique items)
S11        67   S10 NOT PY>1998
S12         2   S11 AND (JDK??? OR JAVA OR JVM OR APPLET? ?)
S13        11   S11 AND (SOFTWARE OR SOFT()WARE) NOT S12
S14        35   AU=(PETERKA, P? OR PETERKA P?)
S15         0   CO=(GENERAL()INSTRUMENT)
S16         0   (S14 OR S15) AND S2
S17         0   (S14 OR S15) AND S1
```

4/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

03023977 E.I. Monthly No: EIM9102-006634
Title: Complete system for controlled access **television.**
Author: Cutts, David J.
Corporate Source: European Television Encryption Ltd
Conference Title: International Broadcasting Convention - IBC 1990
Conference Location: Brighton, Engl Conference Date: 19900921
E.I. Conference No.: 13964
Source: IEE Conference Publication n 327. Publ by IEE, Michael Faraday House, Stevenage, Engl. p 266-269
Publication Year: 1990
CODEN: IECPB4 ISSN: 0537-9987
Language: English

Title: Complete system for controlled access **television.**
Abstract: This paper sets out to provide an overview of conditional access systems using Eurocypher **access control** . The Eurocypher system design is intended to allow implementations which will support the conditional access requirements of any MAC **programmer** . It is designed to meet the requirements of the MAC standard, which is required for...

...Access system. These aspects are discussed. The Eurocypher system is described. The topics include the **access control** module, the **program** control system, the subscriber authorization system, the uplink encoder controller, impulse **pay per view** , **parental lockout** control, text features, security, system extensions, and operation. 4 Refs.
Identifiers: **CONTROLLED ACCESS** TV; EUROCYPHER; MAC SYSTEMS; SCRAMBLING; SATELLITE TELEVISION

4/3,K/2 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

00944356
SCICON IS DEVELOPING INTERACTIVE CABLE TV CONTROL **SOFTWARE**
UK - SCICON IS DEVELOPING INTERACTIVE CABLE TV CONTROL **SOFTWARE**
Infomatics Daily Bulletin (IDB) 12 March 1987 p3

SCICON IS DEVELOPING INTERACTIVE CABLE TV CONTROL **SOFTWARE**
UK - SCICON IS DEVELOPING INTERACTIVE CABLE TV CONTROL **SOFTWARE**

Scicon has been awarded a #700k contract by British Cable Services to develop **software** for the control of interactive cable TV services. **Software** will control network and interactive services available to **pay per view** customers, offering: **parental control** of **access** , teleshopping and voting.*

PRODUCT: Teletext ServicesCable Television SystemsComputer **Software**
?

8/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

6057546 INSPEC Abstract Number: B9812-6140C-026, C9812-5260B-015
Title: Design of a face recognition system for person identification using a CCTV camera
Author(s): Jeun-Woo Lee; Hyo-Kyung Sung; Sung-Oan Kim; Heung-Moon Choi
Author Affiliation: Electron. & Telecommun. Res. Inst., South Korea
Journal: Journal of the Institute of Electronics Engineers of Korea C vol.35-C, no.5 p.50-8
Publisher: Inst. Electron. Eng. Korea,
Publication Date: May 1998 Country of Publication: South Korea
CODEN: CKONF4 ISSN: 1226-5853
SICI: 1226-5853(199805)35C:5L.50:DFRS;1-O
Material Identity Number: G413-98006
Language: Korean
Subfile: B C

Abstract: We propose an efficient face recognition system for **controlling** the **access** to the restricted zone using both the face region detectors based on facial symmetry and...

... to authenticate faces of the enlisted member. In order to cope with changes of facial **expression** or glasses wearing, etc, the facial descriptions of each member at the **time** of authentication are simultaneously updated on the descriptive synapses online using the incremental learning of...
Descriptors: **access control** ; ...

...closed circuit **television** ; ...

... **television applications**
...Identifiers: **access control** ;

8/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

5968821 INSPEC Abstract Number: B9808-6430-015
Title: Program **encoder for digital satellite communications**
Author(s): Mizuta, T.; Ishii, T.; Yamamoto, Y.; Kitano, S.; Tanaka, H.; Kouno, Y.; Hon, N.C.; Hong, N.S.
Journal: Matsushita Technical Journal vol.44, no.1 p.65-72
Publisher: Matsushita Electric Industrial Co,
Publication Date: Feb. 1998 Country of Publication: Japan
Material Identity Number: G497-98001
Language: Japanese
Subfile: B

Title: Program **encoder for digital satellite communications**
Abstract: A **program** encoder has been developed for use in Earth stations for digital satellite communication and broadcasting. In order to transmit multiple AV **programs** in the narrow bandwidth required, the encoder performs the digital compression of AV baseband signals...

... with a systems encoder for multiplexing AV-coded data streams, and has such functions as **conditional access control** and scrambling for communication services. In addition, the systems control using an embedded real- **time** OS performs real- **time** video processing and redundant system control. Consequently, the performance and reliability required of broadcasting equipment...
...Descriptors: digital **television** ; ...

... **television** broadcasting
Identifiers: **program** encoder...

...multiple AV **programs** ; ...

... **conditional access control** ; ...

...embedded real- **time** OS...

...real- **time** video processing

8/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

02124375 INSPEC Abstract Number: B83056666, C83037834
Title: Enhancement of direct visual and CCTV surveillance/assessment functions at the perimeters of controlled access **sites**
Author(s): Pfleckl, F.P.
Author Affiliation: US Army MERADCOM, Counter Surveillance/Counter Intrusion Lab., WA, USA
Conference Title: Proceedings 1983 Conference on Crime Countermeasures and Security p.47-52
Editor(s): Jackson, J.S.; De Vore, R.W.
Publisher: Univ. Kentucky, Lexington, KY, USA
Publication Date: 1983 Country of Publication: USA 117 pp.
ISBN: 0 89779 055 3
Conference Sponsor: Univ. Kentucky; IEEE
Conference Date: 11-13 May 1983 Conference Location: Lexington, KY, USA
Language: English
Subfile: B C

Title: Enhancement of direct visual and CCTV surveillance/assessment functions at the perimeters of controlled access **sites**
Abstract: Illumination for the direct visual and CCTV surveillance/assessment functions at the perimeters of **controlled access** sites is costly and, for viewing ranges in excess of 600 feet, it is usually...

... or falling snow. This same illumination is also a major contributor to the unique, night **time** signature of the site. Augmenting an existing lighting system with high intensity reflective material, strategically placed, has been found to improve upon several expensive and inadequate **conditions** . Through the **application** of highly reflective material and luminaires collocated with the mode of observing a scene-either...
...Descriptors: closed circuit **television** ;

8/3,K/4 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

766054 ORDER NO: AAD81-29089
DESIGN OF AN AUTOMATED IMAGE PROCESSING SYSTEM FOR PARTICLE SIZE MEASUREMENT
Author: RYOO, KEUN HO
Degree: PH.D.
Year: 1981
Corporate Source/Institution: THE OHIO STATE UNIVERSITY (0168)
Source: VOLUME 42/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2940. 334 PAGES

An image processing system has been designed to digitize and display either **TV** camera images or video tape recorded images. The image digitizer and display controller has been...

...x 256 picture elements and has 16 gray levels. It consists of a direct memory **access controller** for digitizing and display, a parallel port of transfer data to and from PDP-11...

...a sync seperator provide the required signals for video digitizing or displaying.

Several image processing **programs** have been developed for image smoothing, image thresholding, edge detection, edge thinning and boundary tracing, in addition to system support **programs** such as digitizer control and data transfer **programs** . The boundary tracing algorithm uses a heuristic cost function with parameters such as edge magnitude...

...data set can be processed automatically. The area, perimeter and diameter are calculated. The processing **time** is in the range 4-6 minutes per image, for relative measurements. If the system...

...system is capable of performing all operations unattended. The failure rate is dependent upon lighting **conditions** and glare in the eye during video recording. The image processing system can be tailored to a particular **application** such as semi-automatic measurement of cell sizes from electron micrographs, just by rearranging the various image processing **programs** developed during this research.

...

8/3,K/5 (Item 1 from file: 94)
DIALOG(R)File 94:JICST-EPlus

03518568 JICST ACCESSION NUMBER: 98A0309330 FILE SEGMENT: JICST-E
Digital Satellite Broadcasting & Communications. Program **Encoder for Digital Satellite Communications.**
MIZUTA TAKASHI (1); ISHII TOMOKI (1); YAMAMOTO YOSHIKI (1); KITANO SATOSHI (2); TANAKA HISAYOSHI (2); KONO YOSHIHIRO (2); HON N C (3); HONG N S (3)
(1) Matsushitadenkisangyo Maruchimediashisutemuken; (2) Matsushita Softresearch, Inc.; (3) Panasonikkushingaporuken
Matsushita Tech J, 1998, VOL.44,NO.1, PAGE.65-72, FIG.11, TBL.1, REF.7
JOURNAL NUMBER: G0474ABY ISSN NO: 1343-9529
UNIVERSAL DECIMAL CLASSIFICATION: 621.397+654.197
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

Digital Satellite Broadcasting & Communications. Program **Encoder for Digital Satellite Communications.**

ABSTRACT: The **program** encoder has been developed for use in earth stations for digital satellite communication and broadcasting. In order to transmit multiple AV **programs** in a narrow bandwidth required, the encoder performs the digital compression of AV baseband signals...

...with the systems encoder for multiplexing AV-coded data streams, and has such functions as **conditional access control** and scrambling for communication services. In addition, the systems control using an embedded real- **time** OS performs the real- **time** video processing and redundant system control. Consequently, the performance and reliability required of broadcasting equipment...

...DESCRIPTORS: **program** production...

... **television** broadcast

?

12/3,K/1 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

2030008 H.W. WILSON RECORD NUMBER: BAST96031804
E-mail privacy
InTech v. 43 (Apr. 1996) p. 33
DOCUMENT TYPE: Feature Article ISSN: 0192-303X

ABSTRACT: New developments in **software** products for the Internet are discussed. Scrambler Technologies Inc., Loveland, Ohio, has introduced Scrambler for Windows. This point-and-click encryption **software** is designed to secure sensitive information being sent on the Internet. Microwave, Des Moines, Iowa, has announced plans to integrate the **Java** language into its OS-9 real- **time** operating system. This should add Internet functionality to a number of intelligent consumer electronic devices, including wireless communicators and **television** set-top boxes. Finally, Integrated Systems Inc., Santa Clara, California, has also announced support for embedded Internet **applications** . Its first embedded Internet offering will be support for **Java** on its pSOSystem operating system for embedded microprocessors.

DESCRIPTORS: ... **Access control** ; ...

... **Java** (Computer language...
...Encryption **software** ;

12/3,K/2 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal

13778453 PASCAL No.: 98-0491686
MHEG-5 et Java **: Le socle d'une API europeenne commune ?**
(MHEG-5 and Java **: The base of a commun european API)**
MORNINGTON-WEST A
ITVA, United Kingdom
Journal: UER-revue.technique, 1998 (275) 11-15
Language: French

MHEG-5 et Java **: Le socle d'une API europeenne commune ?**
(MHEG-5 and Java **: The base of a commun european API)**
La question de l'utilisation de differentes interfaces de **programme** d' **application** (API) sous licence dans les recepteurs de **television** numerique occupe un role preponderant dans un marche eclate. Otage d'une bagarre entre radiodiffuseurs...

... cette necessite en utilisant le decodeur de contenu MHEG-5 et la couche machine virtuelle **Java** . Il indique aussi comment realiser pratiquement le passage de l'utilisation d'une interface sous...

English Descriptors: Digital **television** ; Decoding circuit; **Software** tool; Virtual machine; **Television** receiver; Computer hardware; Expert system; Real **time** ; **Programming** language; **Java** ; **Access control**

French Descriptors: **Television** numerique; Circuit decodeur; Outil logiciel; Machine virtuelle; Recepteur **television** ; Materiel(informatique); Systeme expert; Temps reel; Langage

programmation ; **Java** ; Controle acces

Spanish Descriptors: **Television** numerica; Circuito desciframiento; Herramienta (controlada por) logicial; Maquina virtual; Receptor **television** ; Material (informatica); Sistema experto; Tiempo real; Lenguaje **programacion** ; **Java**

?

13/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

5998402 INSPEC Abstract Number: B9809-0120-034, C9809-7810C-092
Title: DooRae distance home study system on DooRae framework for integrated home information service
Author(s): Seok Soo Kim; Dae Joon Hwang
Author Affiliation: Dept. of Inf. Eng., Sung Kyun Kwan Univ., Seoul, South Korea
Conference Title: ISCE '97. Proceedings of 1997 IEEE International Symposium on Consumer Electronics (Cat. No.97TH8348) p.75-8
Publisher: IEEE, New York, NY, USA
Publication Date: 1997 Country of Publication: USA xxii+312 pp.
ISBN: 0 7803 4371 9 Material Identity Number: XX98-00464
U.S. Copyright Clearance Center Code: 0 7803 4371 9/97/$10.00
Conference Title: ISCE '97. Proceedings of 1997 IEEE International Symposium on Consumer Electronics
Conference Sponsor: IEEE
Conference Date: 2-4 Dec. 1997 Conference Location: Singapore
Language: English
Subfile: B C

Abstract: We design the collaborative distance home study system by using SDK (**software** development kit) of API (**application** interface) format on the DooRae framework (or platform) for an integrated home information service. It is implemented by the high technology of multimedia, information communication and **software** . This system is a low cost **application** system for the general home PC **user** . With the network **environment** of this system it is possible to construct a superhighway by connecting various network with...

... 1995 standard specification. We connected the Internet, intranet and various household electrical appliance (video, audio, **PC** , **TV** , phone, fax) with the home network backbone. Then we can use convenientiy/efficiently the multimedia...

...an integrated information service. The Doorae distance home study system has many functions which are **application** (audio/video/text data, teaching materials, DB) sharing, white board to support interaction, a video...

... collaborative multimedia distance education within the home. The technical components are composed of session management, **access** management, network **control** and media control.
...Descriptors: microcomputer **applications** ; ...
... **software** engineering
...Identifiers: **software** development kit...

... **application** interface...

...low cost **application** system...

... **TV** ;

13/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

5861857 INSPEC Abstract Number: B9804-6420-011, C9804-7410F-066
Title: Architecture of the virtual broadcast studio
Author(s): Guzik, K.
Author Affiliation: Sun Microsyst. Inc., Menlo Park, CA, USA
Journal: SMPTE Journal vol.106, no.12 p.881-6
Publisher: Soc. Motion Picture & Telev. Eng,
Publication Date: Dec. 1997 Country of Publication: USA
CODEN: SMPJDF ISSN: 0036-1682
SICI: 0036-1682(199712)106:12L.881:AVBS;1-G
Material Identity Number: S218-98001
Language: English
Subfile: B C

...Abstract: speed wide-area networks, and digital file servers allows us to view the future of **television** broadcast studios very differently than we do today. As computer and network technologies have advanced in both sophistication and performance, our understanding of the possibilities that the **application** of these technologies can provide has also grown. Digital networks are no longer used simply...
... communication between computers, but are capable of transferring data fast enough to make the real- **time** distribution of high-quality video data to a wide audience a reality. The ability to store, **access** , **control** and move large volumes of digital data reliably across great distances at very high speed...

... manage and run a broadcast studio. In addition, through the use of network distributed object **software** models, we can build studios that are very flexible and easy to change, and highly...
Descriptors: digital **television** ; ...

... **television** broadcasting...

... **television** studios
...Identifiers: **television** broadcast studios...

...network distributed object **software** models

13/3,K/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

01630140 INSPEC Abstract Number: C81006215
Title: Automated computer controlled **editing sound system** (ACCESS)
Author(s): Deitrick, W.R.
Author Affiliation: Mini-Micro Systems Inc., Anaheim, CA, USA
Conference Title: AFIPS Conference Proceedings. 1980 National Computer Conference p.83-5
Publisher: AFIPS, Arlington, VA, USA
Publication Date: 1980 Country of Publication: USA xii+919 pp.
Conference Date: 19-22 May 1980 Conference Location: Anaheim, CA, USA
Language: English
Subfile: C

Title: Automated computer controlled **editing sound system** (ACCESS)
...Abstract: 1977 and has been used to create sound effects tracks for many feature films and **TV** shows. ACCESS has enabled the editor to expand and utilize his creative abilities as well...

... output fivefold. The instantaneous availability of sounds and the electronic editing capability results in tremendous **time** savings. **Software** development continues to enable dialog clean-up and music editing to be performed on ACCESS...
...Identifiers: **TV** shows

13/3,K/4 (Item 1 from file: 6)
DIALOG(R)File 6:NTIS

2143446 NTIS Accession Number: ADA367858/XAB
Wireless Connectivity to ATM Communication Grid
(Progress rept. Aug 97-Aug 98)
Rajaravivarma, V. ; Sivalingam, K.
North Carolina Agricultural and Technical State Univ., Greensboro.
Corp. Source Codes: 055520000; 410976
Report No.: AFRL-SR-BL-TR-99-0222
31 Aug 1998 130p
Journal Announcement: USGRDR0001

NTIS Prices: PC A08/MF A02

... ATM network interface cards, Fiber patch card, AMP wireless access point, AMP wireless card, Gateway **PC / TV** Destination, HP Scanner, and two Data cabinets. All these equipments will be used by undergraduate...

... We have designed and analyzed a low power access protocol, called ECMAC (Energy conserving medium **access control**). This protocol has been simulated using a freely available discrete event simulation package. Performance results...

... 11 standard. The next stage in this research is to implement the MAC protocol in **software** and reconfigurable hardware for real **time** power analysis. We have made significant modifications to the RSVP protocol, the Internet standard for...
Descriptors: Computer communications; *Local area networks; *Asynchronous transfer mode; Real **time** ; Bandwidth; Digital communications; Energy conservation; Network architecture

13/3,K/5 (Item 2 from file: 6)
DIALOG(R)File 6:NTIS

1109213 NTIS Accession Number: AD-A140 215/5
Experimental Video Disc for Map and Image Display
Costanzo, D. J.
Army Engineer Topographic Labs., Fort Belvoir, VA.
Corp. Source Codes: 008093000; 403192
Report No.: ETL-R-063
1984 10p
Languages: English
Journal Announcement: GRAI8415

email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A02/MF A01

...and the Middle East. The entire process to create the disc covered one year's **time** . The Engineer Topographic Laboratories (ETL) is presently evaluating this disc and writing the **software** to **control** **access** to it via microcomputer. Copies of the video disc are available for evaluation by interested...
Descriptors: Maps; *Data storage systems; *Video recording; Disk recording systems; Laser **applications** ; Information retrieval; **Television** display systems

13/3,K/6 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

04394552 E.I. No: EIP96053160304
Title: Recording, configuring and generating data in the blanking interval: tools for teletext
Author: Wass, Alexander
Corporate Source: Tara systems
Source: Siemens Components v 31 n 1 Jan-Feb 1996. p 24-25
Publication Year: 1996
CODEN: SICOD5 ISSN: 9173-1734
Language: English

Abstract: Designers and manufacturers of **TV** sets as well as laboratories working on teletext, VPS, VPT, WSS or HiTesxt must be...

...data types from the lines in the blanking interval and to store them in real **time** . The data thus obtained is then available in a PC for further processing and analysis...
Descriptors: Videotex; Personal computers; **Television** transmission; User interfaces; Microprocessor chips; Reduced instruction set computing; Random **access** storage; Computer **control** systems; Data communication systems; Computer **software**

13/3,K/7 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

01020510 E96071419249
Sauberfiltern. Initiative plaediert fuer freiwillige Selbstkontrolle
(Filter clean. Initiative pleads for voluntary self-control)
Post, H-J
c't, v79, n8, pp66,68-69, 1996
Document type: journal article Language: German
Record type: Abstract
ISSN: 0724-8679

ABSTRACT:
...und Softwarefirmen weilen, plaediert auf Selbstkontrolle und favorisiert das Konzept einer standardisierten Infrastruktur fuer Bewertungssysteme (**Rating** -Systeme) im Internet, aehnlich wie es in der Videospiele- und Filmbranche schon ueblich ist. Internet...
DESCRIPTORS: INTERCONTINENTAL NETWORKS; DATA COMMUNICATION; DATA EXCHANGE; DATA TRANSMISSION; INFORMATION NETWORKS; COMMUNICATION SERVICES; DATA

PRIVACY PROTECTION; **ACCESS CONTROL** ; COMPUTER CRIME; HUMANS; FIRMS AND INSTITUTIONS; EARTH PLANET; ON LINE PROCESSING; ASSESSMENT; **TV** GAME; PHOTOGRAPHIC FILMS; COMPUTER SYSTEMS HARDWARE; COMPUTER **SOFTWARE** ; LEARNING MATERIALS

13/3,K/8 (Item 2 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management

00946731 E95111119217
A home network controller **for providing broadband** access **to residential subscribers**
(Netzwerk-Controller fuer die Darstellung von Breitbandzugaengen im Heimbereich)
Ramanathan, S; Gusella, R
Hewlett-Packard, Palo Alto, USA
1995 International Conference on Consumer ElectronicsIEEE Transactions on Consumer Electronics, v41, n3, pp859-868, 1995
Document type: journal article Language: English
Record type: Abstract
ISSN: 0098-3063

A home network controller **for providing broadband** access **to residential subscribers**

ABSTRACT:
...distribution within the home by employing exisiting networking technologies, such as coaxial cable for real- **time** multimedia delivery to **television** sets, and Ethernet for data communication to home computers.
...DESCRIPTORS: LOCAL AREA NETWORKS; MICROCOMPUTERS; DATA TRANSMISSION; REAL **TIME** METHOD; BANDWIDTH...

...TECHNIQUE; LIGHT COMMUNICATION; OPTICAL WAVEGUIDES; SYSTEM ARCHITECTURE; COAXIAL CABLES; COMPUTER SYSTEMS HARDWARE; DATA STATIONS; COMPUTER **SOFTWARE**

13/3,K/9 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

03400254
ACCESS CONTROL SYSTEMS GROUP SET UP
NETHERLANDS - **ACCESS CONTROL** SYSTEMS GROUP SET UP
Industrial Equipment News (IEN) 0 April 1990 p8
ISSN: 0019-8277

ACCESS CONTROL SYSTEMS GROUP SET UP
NETHERLANDS - **ACCESS CONTROL** SYSTEMS GROUP SET UP

... of an independent group of companies set up by Group 4 Securitas International to develop **access control** and related systems. The group will have four wholly-owned subsidiaries - Plantime, Securitas Technology, Henderson...

... electronic card-based systems, state-of-the-art biometrics, CCTV surveillance, perimeter security equipment and **time** and attendance recording.

PRODUCT: Closed Circuit **TV** Equipment

13/3,K/10 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)

00964138
BT SETS TRIAL **DATE** FOR OPTICAL MEMORY CARD
UK - BT SETS TRIAL **DATE** FOR OPTICAL MEMORY CARD
Banking Technology (BTY) 0 March 1987 p41
ISSN: 0266-0865

BT SETS TRIAL **DATE** FOR OPTICAL MEMORY CARD
UK - BT SETS TRIAL **DATE** FOR OPTICAL MEMORY CARD

... is provided under license from Drexler Technology. Optical memory card is capable of storing eight **TV** pictures or 800 pages of text. Two megabytes may be recorded on a reflective laser/optical recording stripe. Recall Cards will be used for financial transactions, **software** distribution, health care and **Access control** . It is possible that the cards will be able to be used with BT M5000...

13/3,K/11 (Item 1 from file: 483)
DIALOG(R)File 483:Newspaper Abs Daily

04408160
Out of Site, Out of Mind It's 10 P.M. Do You Know What Your Kids Are Doing on the Internet?
Woodard, Sara
Times-Picayune, Sec C, p 1, col 1
Feb 3, 1997
ISSN: 1055-3053 NEWSPAPER CODE: NO
DOCUMENT TYPE: Feature; Newspaper
LANGUAGE: English RECORD TYPE: ABSTRACT
LENGTH: Long (18+ col inches)

...ABSTRACT: and computer games, the Internet is not policed (aside from child pornography laws) or given **ratings** - like **TV** 's new **rating** system or the V-chip - that parents can use to screen objectionable material including sexual...

...that would police the Internet because they were ruled unconstitutional. Is there a way to **control** a child's **access** to the Internet and even screen material appropriate for a 17-year-old that may...

...you are using. In the fall of 1995, a group of online service providers and **software** firm representatives as well as members of the academic community developed a labeling and selection...
?

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File 344:Chinese Patents Abs Aug 1985-2003/Nov
         (c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
         (c) 2004 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2004/Jan W02
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031225,UT=20031218
         (c) 2003 WIPO/Univentio
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200403
         (c) 2004  Thomson Derwent
? ds

Set     Items   Description
S1         51   AU=(PETERKA, P? OR PETERKA P?)
S2        512   CO=(GENERAL()INSTRUMENT)
S3      49242   ((SECURITY OR AUTHORI?)(3N)(POLIC? OR MODULE? ? OR CONDITI-
             ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR
              ACCESS?(3N)CONTROL?) AND (SOFTWARE OR SOFT()WARE OR PROGRAM?
             OR APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?)
S4         19   S1 AND (TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV
             OR WEBTV OR WEB()TV OR INTERNET(3N)TV)
S5         19   (S1 OR S2)(S)S4
S6         19   IDPAT (sorted in duplicate/non-duplicate order)
S7         10   IDPAT (primary/non-duplicate records only)
S8         71   (S1 OR S2) AND IC=H04N-007/16
S9         23   S8 AND S3
S10        17   S9  NOT S5
S11        17   IDPAT (sorted in duplicate/non-duplicate order)
S12        17   IDPAT (primary/non-duplicate records only)
S13         6   S12 AND AD=19980619:20010000/PR
S14         2   S12 AND AD=20010000:20040115/PR
S15        11   S12 NOT (S13 OR S14)
```

Arthur

7/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013269895 **Image available**
WPI Acc No: 2000-441801/200038
XRPX Acc No: N00-329745
Set-top terminal for resource management in digital TV receiver, includes application programming interface which has resource, management and registry packages for corresponding resources
Patent Assignee: GEN INSTR CORP (GENN)
Inventor: MANGALORE G; MEANDZIJA B N; **PETERKA P** ; ZAISER K
Number of Countries: 087 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200030346	A1	20000525	WO 99US23358	A	19991007	200038	B
AU 9964193	A	20000605	AU 9964193	A	19991007	200042	

Priority Applications (No Type Date): US 98107962 P 19981112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200030346	A1	E	48	H04N-005/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964193	A		H04N-005/00	Based on patent WO 200030346

...Inventor: **PETERKA P**

7/3,K/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013269894 **Image available**
WPI Acc No: 2000-441800/200038
XRPX Acc No: N00-329744
Television set-top terminal for user management, includes API that provides user registry, registry of preferences of users and permission for controlling user's access to at least one provided application
Patent Assignee: GEN INSTR CORP (GENN)
Inventor: MEANDZIJA B N; **PETERKA P**
Number of Countries: 088 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200030345	A1	20000525	WO 99US23346	A	19991007	200038	B
AU 9962944	A	20000605	AU 9962944	A	19991007	200042	
EP 1166549	A1	20020102	EP 99950245	A	19991007	200209	
			WO 99US23346	A	19991007		
KR 2001080427	A	20010822	KR 2001705989	A	20010511	200213	
JP 2002530943	W	20020917	WO 99US23346	A	19991007	200276	
			JP 2000583242	A	19991007		

Priority Applications (No Type Date): US 98107949 P 19981112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200030345	A1	E	37	H04N-005/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9962944 A H04N-005/00 Based on patent WO 200030345
EP 1166549 A1 E H04N-005/00 Based on patent WO 200030345
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
KR 2001080427 A H04N-007/173
JP 2002530943 W 47 H04N-005/44 Based on patent WO 200030345

...Inventor: **PETERKA P**

7/3,K/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

013258941 **Image available**
WPI Acc No: 2000-430824/200037
XRPX Acc No: N00-321524
Television set top terminal for accessing system information in abstract format, has application program interface which provides abstracted system information in generic form suitable for use by application
Patent Assignee: GEN INSTR CORP (GENN)
Inventor: KASSMAN T; MANGALORE G; **PETERKA P**
Number of Countries: 088 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200027114	A1	20000511	WO 99US25322	A	19991028	200037	B
AU 200014551	A	20000522	AU 200014551	A	19991028	200040	
EP 1125432	A1	20010822	EP 99971609	A	19991028	200149	
			WO 99US25322	A	19991028		
BR 9914790	A	20011002	BR 9914790	A	19991028	200167	
			WO 99US25322	A	19991028		
KR 2001082261	A	20010829	KR 2001705308	A	20010427	200215	
CN 1332935	A	20020123	CN 99815174	A	19991028	200231	
JP 2002529970	W	20020910	WO 99US25322	A	19991028	200274	
			JP 2000580375	A	19991028		
AU 755310	B	20021212	AU 200014551	A	19991028	200305	
MX 2001004230	A1	20020301	WO 99US25322	A	19991028	200362	
			MX 20014230	A	20010427		

Priority Applications (No Type Date): US 98113444 P 19981223; US 98106508 P 19981030; US 98107965 P 19981112
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200027114	A1	E	95	H04N-007/00	

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200014551 A Based on patent WO 200027114
EP 1125432 A1 E H04N-007/00 Based on patent WO 200027114
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
BR 9914790 A H04N-007/00 Based on patent WO 200027114

KR 2001082261	A		H04N-007/20	
CN 1332935	A		H04N-007/00	
JP 2002529970	W	97	H04N-007/16	Based on patent WO 200027114
AU 755310	B		H04N-007/00	Previous Publ. patent AU 200014551 Based on patent WO 200027114
MX 2001004230	A1		H04N-005/00	Based on patent WO 200027114

...Inventor: **PETERKA P**

7/3,K/4 **(Item 4 from file: 350)**
DIALOG(R)File 350:Derwent WPIX

013239454 **Image available**
WPI Acc No: 2000-411328/200035
XRPX Acc No: N00-307518

Television set-top terminal notifies user about presence of applications, after they are registered and installed

Patent Assignee: GEN INSTR CORP (GENN)
Inventor: IACOVERA S A; MANGALORE G; MEANZIJA B N; **PETERKA P** ; MEANDZIJA B N
Number of Countries: 088 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200022816	A1	20000420	WO 99US23721	A	19991007	200035	B
AU 9964264	A	20000501	AU 9964264	A	19991007	200036	
EP 1119963	A1	20010801	EP 99951932	A	19991007	200144	
			WO 99US23721	A	19991007		
KR 2001080122	A	20010822	KR 2001704614	A	20010412	200213	
CN 1330832	A	20020109	CN 99814369	A	19991007	200229	
JP 2002527844	W	20020827	WO 99US23721	A	19991007	200271	
			JP 2000576614	A	19991007		
BR 9914557	A	20030107	BR 9914557	A	19991007	200309	
			WO 99US23721	A	19991007		
MX 2001003617	A1	20020301	WO 99US23721	A	19991007	200362	
			MX 20013617	A	20010409		
AU 766782	B	20031023	AU 9964264	A	19991007	200381	

Priority Applications (No Type Date): US 98103943 P 19981013
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200022816	A1	E	58	H04N-005/00	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
AU 9964264	A				Based on patent WO 200022816
EP 1119963	A1	E		H04N-005/00	Based on patent WO 200022816
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
KR 2001080122	A			H04N-007/00	
CN 1330832	A			H04N-005/00	
JP 2002527844	W		58	G06F-009/54	Based on patent WO 200022816
BR 9914557	A			H04N-005/00	Based on patent WO 200022816
MX 2001003617	A1			H04N-005/00	Based on patent WO 200022816
AU 766782	B			H04N-005/00	Previous Publ. patent AU 9964264 Based on patent WO 200022816

...Inventor: **PETERKA P**

7/3,K/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012998974 **Image available**
WPI Acc No: 2000-170826/200015
XRPX Acc No: N00-127015
Dynamic security method for controlling access to function of digital television receiver
Patent Assignee: GEN INSTR CORP (GENN)
Inventor: **PETERKA P**
Number of Countries: 087 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9966714	A1	19991223	WO 99US10780	A	19990514	200015	B
AU 9939046	A	20000105	AU 9939046	A	19990514	200024	
EP 1088446	A1	20010404	EP 99921973	A	19990514	200120	
			WO 99US10780	A	19990514		
NO 200006437	A	20010216	WO 99US10780	A	19990514	200123	
			NO 20006437	A	20001215		

Priority Applications (No Type Date): US 9889704 P 19980618
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9966714	A1	E	51	H04N-005/00	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 9939046	A			H04N-005/00	Based on patent WO 9966714
EP 1088446	A1	E		H04N-005/00	Based on patent WO 9966714
Designated States (Regional): AT BE CH DE DK ES FR GB IE LI NL SE					
NO 200006437	A			H04N-000/00	

Inventor: **PETERKA P**

7/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

01060077 **Image available**
DIGITAL RIGHTS MANAGEMENT SYSTEM FOR CLIENTS WITH LOW LEVEL SECURITY
SYSTEME DE GESTION DE DROITS NUMERIQUES DESTINE A DES CLIENTS AYANT UN FAIBLE NIVEAU DE SECURITE
Patent Applicant/Assignee:
GENERAL INSTRUMENT CORPORATION, Motorola, Inc., Broadband Communications Sector, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US (Nationality)
Inventor(s):
PETERKA Petr , 5126 Caminito Vista Lujo, San Diego, CA 92130, US,
ZHANG Jiang, 4158 Decoro Street, Apt. 22, San Diego, CA 92122, US
Legal Representative:
NG Horace H (et al) (agent), Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111, US,

Patent and Priority Information (Country, Number, Date):
  Patent: WO 200390049 A2 20031030 (WO 0390049)
  Application: WO 2003US11138 20030409 (PCT/WO US0311138)
  Priority Application: US 2002125294 20020417
Designated States: AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY
  BZ CA CH CN CO CR CU CZ (utility model) CZ DE (utility model) DE DK
  (utility model) DK DM DZ EC EE (utility model) EE ES FI (utility model)
  FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
  LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK
  (utility model) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
  SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 6161

Inventor(s):
  PETERKA Petr ...

7/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00961855 **Image available**
INITIAL FREE PREVIEW FOR MULTIMEDIA MULTICAST CONTENT
PREVISUALISATION GRATUITE INITIALE DESTINEE A UN CONTENU MULTIMEDIA MULTIDIFFUSION
Patent Applicant/Assignee:
  GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US (Nationality)
Inventor(s):
  PETERKA Petr , 5126 Caminito Vista Lujo, San Diego, CA 92130, US
Legal Representative:
  VOBACH William F (et al) (agent), Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200296024 A2-A3 20021128 (WO 0296024)
  Application: WO 2001US51649 20011026 (PCT/WO US0151649)
  Priority Application: US 2000243925 20001026
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
  CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
  KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU
  SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15423

Inventor(s):
  PETERKA Petr ...

7/3,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00935333 **Image available**
ENFORCEMENT OF RIGHTS AND CONDITIONS FOR MULTIMEDIA CONTENT
APPLICATION DES DROITS DE CONTENUS ET CONDITIONS DESTINEES AU CONTENU MULTIMEDIA
Patent Applicant/Assignee:
GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US (Nationality)
Inventor(s):
PETERKA Petr , 5126 Caminito Vista Lujo, San Diego, CA 92130, US,
MEDVINSKY Alexander, 8873 Hampe Court, San Diego, CA 92129, US,
MORONEY Paul, 3411 Western Springs Road, Olivenhain, CA 92024, US
Legal Representative:
KULAS Charles J (et al) (agent), Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200269567 A2-A3 20020906 (WO 0269567)
Application: WO 2001US50360 20011026 (PCT/WO US0150360)
Priority Application: US 2000243925 20001026
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 13616

Inventor(s):
PETERKA Petr ...

7/3,K/9 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00929772 **Image available**
ECM AND EMM DISTRIBUTION FOR MULTIMEDIA MULTICAST CONTENT
DISTRIBUTION ECM ET EMM POUR CONTENU MULTIMEDIA MULTIDESTINATAIRE
Patent Applicant/Assignee:
GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US (Nationality)
Inventor(s):
PETERKA Petr , 5126 Caminito Vista Lujo, San Diego, CA 92130, US,
SPRUNK Eric, 7309 Bolero Street, Carlsbad, CA 92009, US,
MORONEY Paul, 3411 Western Springs Road, Olivenhain, CA 92024, US,
MEDVINSKY Alexander, 8873 Hampe Court, San Diego, CA 92129, US
Legal Representative:
VOBACH William F (et al) (agent), Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200263850 A2-A3 20020815 (WO 0263850)
Application: WO 2001US51362 20011026 (PCT/WO US0151362)
Priority Application: US 2000243925 20001026
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 15365

Inventor(s):
PETERKA Petr ...

7/3,K/10 **(Item 10 from file: 349)**
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00927932 **Image available**
INITIAL VIEWING PERIOD FOR AUTHORIZATION OF MULTIMEDIA CONTENT
PERIODE DE VISIONNEMENT POUR UNE AUTORISATION EXTENSIBLE D'UN CONTENU MULTIMEDIA EN CONTINU
Patent Applicant/Assignee:
GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044, US, US (Residence), US (Nationality)
Inventor(s):
PETERKA Petr , 5126 Caminito Vista Lujo, San Diego, CA 92130, US,
MORONEY Paul, 3411 Western Springs Road, Olivenhain, CA 92024, US,
SPRUNK Eric, 7309 Bolero Street, Carlsbad, CA 92009, US,
MEDVINSKY Alexander, 8873 Hampe Court, San Diego, CA 92129, US
Legal Representative:
KULAS Charles J (et al) (agent), Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200262054 A2-A3 20020808 (WO 0262054)
Application: WO 2001US51051 20011026 (PCT/WO US0151051)
Priority Application: US 2000243925 20001026
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 16326

Inventor(s):
PETERKA Petr ...
?

15/5/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01297409
METHOD AND APPARATUS FOR MANAGING MULTIPLE APPLICATIONS **IN LARGE SCALE NETWORKS**
VERFAHREN UND GERAT ZUR VERWALTUNG VON MEHREREN ANWENDUNGSPROGRAMMEN IN GROSSFLACHIGEN NETZWERKEN
PROCEDE ET APPAREIL PERMETTANT DE GERER DE MULTIPLES APPLICATIONS DANS DES RESEAUX A GRANDE ECHELLE
PATENT ASSIGNEE:
General Instrument Corporation, (1403172), 101 Tournament Drive, Horsham, Pennsylvania 19044, (US), (Proprietor designated states: all)
INVENTOR:
BOOTH, Robert, Charles, 1700 Rockcress Drive, Jamison, PA 18929, (US)
TAVOLETTI, Donald, 2268 Ridge View Drive, Warrington, PA 18976, (US)
BATES, Thomas, F., IV., 115 Tanyard Road, Richboro, PA 18954, (US)
DEL SORDO, Chris, 229 Heatherfield Drive, Souderton, PA 18964, (US)
ERINOFF, Mark, A., 195 Middle Park Drive, Souderton, PA 18964, (US)
DIFIGLIA, Michael, 1127 Westbury Road, Jenkintown, Pennsylvania 19046, (US)
LEGAL REPRESENTATIVE:
Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 1234451 A1 020828 (Basic)
EP 1234451 B1 030507
WO 2001031920 010503
APPLICATION (CC, No, Date): EP 99974142 991022; WO 99US24745 991022
DESIGNATED STATES (Pub A): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; (Pub B): DE; FR; GB; NL
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **H04N-007/16**
CITED PATENTS (EP B): EP 399200 A; US 5654746 A; US 5734589 A; US 5951639 A
CITED PATENTS (WO A): EP 399200 A ; US 5654746 A ; US 5951639 A ; US 5734589 A
NOTE:
No A-document published by EPO
LEGAL STATUS (Type, Pub Date, Kind, Text):
Application : 010627 A1 International **application** . (Art. 158(1))
Application : 010627 A1 International **application** entering European phase
Application : 020828 A1 Published **application** with search report
Examination: 020828 A1 Date of request for examination: 20020418
Grant: 030507 B1 Granted patent
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200319	1325
CLAIMS B	(German)	200319	1195
CLAIMS B	(French)	200319	1514
SPEC B	(English)	200319	6638
Total word count - document A			0
Total word count - document B			10672
Total word count - documents A + B			10672

15/5/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00983310
Digital coupons for pay television
Digitale Gutscheine fur Bezahlfernsehen
Coupons numeriques pour la television a peage
PATENT ASSIGNEE:
General Instrument Corporation, (1403172), 101 Tournament Drive, Horsham, Pennsylvania 19044, (US), (Applicant designated States: all)
INVENTOR:
Candelore, Brant, 2244 Felspar Street, San Diego, California 92109, (US)
LEGAL REPRESENTATIVE:
Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 891084 A2 990113 (Basic)
EP 891084 A3 991020
APPLICATION (CC, No, Date): EP 98111861 980626;
PRIORITY (CC, No, Date): US 890066 970709
DESIGNATED STATES: AT; BE; DE; DK; ES; FR; GB; IE; NL
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: **H04N-007/16**

ABSTRACT EP 891084 A2
Digital coupons are selectively transmitted in a communication network to subscriber terminals for promotional purposes. Subscribers automatically receive coupon credits when they meet the preconditions of the digital coupons. Free or reduced price pay-per-view (PPV) programming in particular may be provided when a subscriber purchases a given number of PPV programs at a regular price. The terminals maintain a running balance of available coupon credits and inform the subscriber via a user interface of the available balance. Subscribers can be rewarded for viewing commercial messages by awarding coupons which can be immediately redeemed for PPV programs. With an optional report back capability, terminal usage pattern data can be retrieved and analyzed by **program** service providers to determine the effectiveness of the promotions and to gather additional demographic and individual data. The integrity of the scheme is assured with encryption techniques.
ABSTRACT WORD COUNT: 141
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
Examination: 000614 A2 Date of request for examination: 20000418
Application : 990113 A2 Published **application** (A1with Search Report ;A2without Search Report)
Search Report: 991020 A3 Separate publication of the search report
Change: 991027 A2 International Patent Classification changed: 19990903
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9902	1550
SPEC A	(English)	9902	9090
Total word count - document A			10640
Total word count - document B			0
Total word count - documents A + B			10640

15/5/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00867851

Digital audio system with video display of the program **guide**
Digitales Tonsystem mit Videoanzeige der Programmubersicht
Systeme audio numerique avec affichage video du guide des programmes

PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION, (264772), 2200 Byberry Road, Hatboro, Pennsylvania 19040, (US), (applicant designated states: BE;DK;FI;GB;IE;NL;SE)
INVENTOR:
Robbins, Clyde, 1524 Terrace Drive, Maple Glen, PA 19002, (US)
Kamieniecki, John, 632 Wagner Road, Lafayette Hill, PA 19444, (US)
Nasuti, Tony, 907 Kennedy Court, Norristown, PA 19403, (US)
Maraska, John F., 2007 Maplewood Avenue, Abington, PA 19001, (US)
Palmer, Douglas W., 2161 Alexander Drive, W. Norriton, PA 19403, (US)
Stein, Robert C., 5738 Belaire Drive, Coopersburg, PA 18036, (US)
LEGAL REPRESENTATIVE:
Cooper, John et al (76421), Murgitroyd & Company, Chartered Patent Agents, 373 Scotland Street, Glasgow G5 8QA, (GB)
PATENT (CC, No, Kind, Date): EP 797322 A2 970924 (Basic)
EP 797322 A3 981223
APPLICATION (CC, No, Date): EP 96308271 961115;
PRIORITY (CC, No, Date): US 620019 960321
DESIGNATED STATES: BE; DK; FI; GB; IE; NL; SE
INTERNATIONAL PATENT CLASS: **H04N-007/16** ; H04H-001/04

ABSTRACT EP 797322 A2

In a CATV network, there is described a method for providing an audio programming guide in which a subscriber's television is utilised as the preferred graphical interface to simultaneously provide channel in-band and out-of-band **program** information to a subscriber. A subscriber may tune, view and select from among a plurality of digital audio channels and analog video channels. In-band and out-of-band information is integrated into a multi-page **program** guide displayed on a subscriber's television. This integration permits subscribers to visually scan and view information about currently playing selections available on other channels without having to switch to them. While listening to a music selection, the subscriber may navigate through the **program** guide. **Program** information such as the title of a song, artist and record label are also displayed. A CATV settop terminal incorporating such an audio programming guide is also disclosed.

ABSTRACT WORD COUNT: 142

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change:	010516	A2	Legal representative(s) changed 20010323
Application :	970924	A2	Published **application** (A1with Search Report ;A2without Search Report)
Examination:	021113	A2	Date of dispatch of the first examination report: 20021001
Search Report:	981223	A3	Separate publication of the European or International search report
Change:	981223	A2	International patent classification (change)
Change:	981223	A2	Obligatory supplementary classification (change)
Change:	981230	A2	Title of invention (French) (change)
Examination:	990818	A2	Date of request for examination: 19990617

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9709W3	1907

SPEC A (English) 9709W3 9279
Total word count - document A 11186
Total word count - document B 0
Total word count - documents A + B 11186

15/5/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00793103
Data security scheme for point-to-point communication sessions
Datensicherungsschema fur Punkt-zu-Punkt Kommunikationssitzungen
Schema de protection de donnees pour sessions de communication point-a-point
PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION, (2532982), 101 Tournament Drive, Horsham, PA 19044, (US), (Proprietor designated states: all)
INVENTOR:
Kauffman, Marc W., 270 Wenner Way, Ft. Washington, Pennsylvania 19034, (US)
LEGAL REPRESENTATIVE:
Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 739135 A1 961023 (Basic)
EP 739135 B1 000531
APPLICATION (CC, No, Date): EP 96105894 960415;
PRIORITY (CC, No, Date): US 420710 950419
DESIGNATED STATES: DE; FR; GB; SE
INTERNATIONAL PATENT CLASS: **H04N-007/16**
CITED PATENTS (EP B): EP 594353 A; WO 94/19909 A

ABSTRACT EP 739135 A1
Secure point-to-point communication of information to specific terminals is provided via a shared network. Far in advance of the establishment of an information session with a particular one of a plurality of terminals, a unique session identifier is securely delivered to the terminal by a highly secure entity. Information to be provided to the terminal is subsequently encrypted under the session identifier of that terminal by an insecure connection manager. The encrypted information is inserted into designated locations in a signal multiplex. The signal multiplex is transmitted over a portion of the network serving the terminal that is to receive the information. The terminal is informed of the designated locations of the encrypted information in the signal multiplex and of a transmission frequency at which the signal multiplex is carried on the network portion. The terminal tunes to the transmission frequency to locate the signal multiplex, recovers the encrypted information from the designated locations in the multiplex, and then decrypts the information using the terminal's unique session identifier. (see image in original document)

ABSTRACT WORD COUNT: 203
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):
Grant: 000531 B1 Granted patent
Application : 961023 A1 Published **application** (A1with Search Report ;A2without Search Report)
Lapse: 010704 B1 Date of lapse of European Patent in a contracting state (Country, date): SE

		20000831,
Oppn None:	010516 B1	No opposition filed: 20010301
Examination:	970423 A1	Date of filing of request for examination: 970222
*Assignee:	981007 A1	Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION (2552750) 10 Melville Park Road Melville, NY 11747-3113 (US) (applicant designated states: DE;FR;GB;SE)
*Assignee:	981007 A1	Previous applicant in case of transfer of rights (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1783081) 8870 West Brynmawr Avenue, 13th Floor Chicago, Illinois 60631 (US) (applicant designated states: DE;FR;GB;SE)
*Assignee:	981014 A1	Applicant (transfer of rights) (change): GENERAL SEMICONDUCTOR, Inc. (2552760) 10 Melville Park Road Melville, NY 11747-3113 (US) (applicant designated states: DE;FR;GB;SE)
*Assignee:	981014 A1	Previous applicant in case of transfer of rights (change): GENERAL INSTRUMENT CORPORATION (2552750) 10 Melville Park Road Melville, NY 11747-3113 (US) (applicant designated states: DE;FR;GB;SE)
*Assignee:	981021 A1	Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION (2532982) 101 Tournament Drive Horsham, PA 19044 (US) (applicant designated states: DE;FR;GB;SE)
*Assignee:	981021 A1	Previous applicant in case of transfer of rights (change): GENERAL SEMICONDUCTOR, Inc. (2552760) 10 Melville Park Road Melville, NY 11747-3113 (US) (applicant designated states: DE;FR;GB;SE)
Examination:	990203 A1	Date of despatch of first examination report: 981221
Change:	990728 A1	Title of invention (German) (change)
Change:	990728 A1	Title of invention (English) (change)
Change:	990728 A1	Title of invention (French) (change

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200022	1266
CLAIMS B	(German)	200022	1162
CLAIMS B	(French)	200022	1441
SPEC B	(English)	200022	4358
Total word count - document A			0
Total word count - document B			8227
Total word count - documents A + B			8227

15/5/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00785533
Functionally modifiable cable television converter system
Kabelfernsehkonvertersystem mit modifizierbarer Funktion
Systeme convertisseur pour television par cable fonctionnellement modifiable
PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION, (2532982), 101 Tournament Drive, Horsham, PA 19044, (US), (Proprietor designated states: all)
INVENTOR:

Kauffman, Marc W., 420 Franklin Avenue, Cheltenham, Pennsylvania 19012, (US)
Miller, Michael R., 904 Cherry Lane, Riverton, New Jersey 08077, (US)
LEGAL REPRESENTATIVE:
Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 732850 A1 960918 (Basic)
EP 732850 B1 020123
APPLICATION (CC, No, Date): EP 96108778 900412;
PRIORITY (CC, No, Date): US 357174 890525
DESIGNATED STATES: AT; BE; CH; DE; DK; FR; GB; IT; LI; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 399200 (EP 90107108)
INTERNATIONAL PATENT CLASS: **H04N-007/16**
CITED PATENTS (EP B): EP 132401 A; EP 187973 A; GB 2118750 A; US 4623920 A; US 4710955 A
CITED REFERENCES (EP B):
SCHNEPERS C: 'Der Schlussel zum Scrambling-Problem?' FUNKSCHAU no. 5, 24 February 1989, pages 59 - 62;

ABSTRACT EP 732850 A1
A cable television converter with remotely modifiable functionality receives firmware downloaded over a cable television network. The integrity of the firmware is verified, and if valid, the firmware is executed to provide one or more converter functions. If the firmware is invalid, default operation **software** contained in ROM is executed instead of the firmware to return the converter to baseline operation. In one embodiment, the converter includes a frequency agile data receiver to receive control instructions on a first data channel and firmware on a second data channel. The receiver is forced back to the first channel if a successful firmware download does not occur on the second channel within a predetermined time period. The firmware is continuously transmitted in short segments, and the converter can continue to receive segments until all the segments of a designated firmware package have been successfully downloaded, unless the predetermined time limit expires sooner. (see image in original document)
ABSTRACT WORD COUNT: 182
NOTE:
Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Grant:	020123 B1	Granted patent
Application :	960918 A1	Published **application** (A1with Search Report ;A2without Search Report)
Lapse:	031112 B1	Date of lapse of European Patent in a contracting state (Country, date): AT 20020123, BE 20020123, CH 20020123, LI 20020123, DK 20020423, NL 20020123, SE 20020423,
Lapse:	030205 B1	Date of lapse of European Patent in a contracting state (Country, date): BE 20020123, CH 20020123, LI 20020123, SE 20020423,
Lapse:	030102 B1	Date of lapse of European Patent in a contracting state (Country, date): CH 20020123, LI 20020123, SE 20020423,
Lapse:	020911 B1	Date of lapse of European Patent in a contracting state (Country, date): SE 20020423,
Oppn None:	030115 B1	No opposition filed: 20021024

Lapse:	030226	B1	Date of lapse of European Patent in a contracting state (Country, date): AT 20020123, BE 20020123, CH 20020123, LI 20020123, NL 20020123, SE 20020423,
Change:	961211	A1	Inventor (change)
Examination:	970507	A1	Date of filing of request for examination: 970307
Change:	981014	A1	Representative (change)
*Assignee:	981014	A1	Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION (2532982) 101 Tournament Drive Horsham, PA 19044 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)
*Assignee:	981014	A1	Previous applicant in case of transfer of rights (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1783080) 181 West Madison Street Chicago, Illinois 60602 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE), NextLevel Systems, Inc. (2532980) 101 Tournament Drive Horsham, PA 19044 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)
Examination:	990609	A1	Date of despatch of first examination report: 990426

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	1459
CLAIMS B	(English)	200204	1828
CLAIMS B	(German)	200204	1613
CLAIMS B	(French)	200204	2173
SPEC A	(English)	EPAB96	6816
SPEC B	(English)	200204	7039
Total word count - document A			8276
Total word count - document B			12653
Total word count - documents A + B			20929

15/5/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00594467
IPPV programming distribution control system
Steuersystem zur Verteilung von Vorauszahlungsprogrammen
Systeme de commande pour la distribution de programmes **a prepaiement**
PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION, (2532982), 101 Tournament Drive, Horsham, PA 19044, (US), (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)
INVENTOR:
Bennett, Christopher John, 4820 Vista Street, San Diego, California 92116, (US)
LEGAL REPRESENTATIVE:
Blatchford, William Michael et al (48801), Withers & Rogers 4 Dyer's Buildings Holborn, London EC1N 2JT, (GB)
PATENT (CC, No, Kind, Date): EP 592011 A1 940413 (Basic)
EP 592011 B1 990224
APPLICATION (CC, No, Date): EP 93118075 890928;
PRIORITY (CC, No, Date): US 255117 881007
DESIGNATED STATES: BE; CH; DE; FR; GB; LI; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):

EP 363081 (EP 893099085)
INTERNATIONAL PATENT CLASS: H04N-007/167; **H04N-007/16**
CITED PATENTS (EP A): EP 187961 A; EP 200310 A; US 4751732 A; WO 8500718 A; EP 161913 A

ABSTRACT EP 592011 A1

A distribution control system for controlling the distribution of scrambled impulse pay per view (IPPV) television programming from a plurality of different IPPV **programmers** to a plurality of descramblers (20, 21). The system includes a plurality of business data processing systems (10, 11), a plurality of channel control systems (14, 15) respectively related to a plurality of the given IPPV **programmers** , and an IPPV data management system (17). The business data processing systems (10, 11) provide IPPV authorization data (39, 40) for a plurality of different IPPV **programmers** pertaining to individual descramblers (20, 21). Each of the channel control systems (14, 15) provides descrambler messages (33, 34) containing IPPV status data for individual IPPV programs. The IPPV data management system (17) processes the IPPV authorization data provided by the business data processing systems (10, 11) to provide descrambler messages 42 unique to each descrambler (20, 21) containing IPPV authorization data pertaining to the individual descrambler. Each of the individual descrambler messages (42) provided by the IPPV data management system (17) contains a plurality of tier authorization bits, with the position of each bit identifying a tier of IPPV programs and each bit indicating whether purchase by the individual descrambler (20, 21) is authorized for the tier identified by such bit. The descrambler messages (42) provided by a plurality of the channel control systems (14, 15) for a respective plurality of different IPPV **programmers** each contains an IPPV status bit in a respectively different position for processing with the tier authorization bits of the individual descrambler message, with each IPPV status bit indicating whether or not purchase of IPPV programming provided by the respective IPPV **programmer** is authorized. (see image in original document)

ABSTRACT WORD COUNT: 284

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse:	020717 B1	Date of lapse of European Patent in a contracting state (Country, date): SE 19990224,
Oppn None:	20000216 B1	No opposition filed: 19991125
Application :	940413 A1	Published **application** (A1with Search Report ;A2without Search Report)
Examination:	940831 A1	Date of filing of request for examination: 940701
*Assignee:	950517 A1	Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1403171) 2200 Byberry Road Hatboro, Pennsylvania 19040 (US) (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)
*Assignee:	950517 A1	Previous applicant in case of transfer of rights (change): GENERAL INSTRUMENT CORPORATION (264772) 2200 Byberry Road Hatboro, Pennsylvania 19040 (US) (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)
Examination:	970205 A1	Date of despatch of first examination report: 961220
Change:	981007 A1	Representative (change)
Change:	981007 A1	Representative (change)
*Assignee:	981007 A1	Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION (2532982) 101 Tournament Drive Horsham, PA 19044 (US)

(applicant designated states:
BE;CH;DE;FR;GB;LI;NL;SE)
*Assignee: 981007 A1 Applicant (transfer of rights) (change):
GENERAL INSTRUMENT CORPORATION (2532982) 101
Tournament Drive Horsham, PA 19044 (US)
(applicant designated states:
BE;CH;DE;FR;GB;LI;NL;SE)
*Assignee: 981007 A1 Previous applicant in case of transfer of
rights (change): GENERAL INSTRUMENT CORPORATION
OF DELAWARE (1403171) 2200 Byberry Road
Hatboro, Pennsylvania 19040 (US) (applicant
designated states: BE;CH;DE;FR;GB;LI;NL;SE),
NextLevel Systems, Inc. (2532980) 101
Tournament Drive Horsham, PA 19044 (US)
(applicant designated states:
BE;CH;DE;FR;GB;LI;NL;SE)
Grant: 990224 B1 Granted patent
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9907	816
CLAIMS B	(German)	9907	779
CLAIMS B	(French)	9907	837
SPEC B	(English)	9907	5608
Total word count - document A			0
Total word count - document B			8040
Total word count - documents A + B			8040

15/5/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00472875
System for maintaining scrambling security in a communication network
System zur Bewahrung der Verschlusselungssicherheit eines Nachrichtennetzes
Systeme pour le maintien de la securite du codage dans un reseau de communication
PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION OF DELAWARE, (1783080), 181 West Madison Street, Chicago, Illinois 60602, (US), (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;NL;SE)
INVENTOR:
Esserman, James Neil, 3844 Radcliffe Lane, San Diego, California 92122, (US)
Heller, Jerrold A., 4932 Rancho Viejo Drive, Del Mar, California 92014, (US)
LEGAL REPRESENTATIVE:
Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 485887 A2 920520 (Basic)
EP 485887 A3 921209
EP 485887 B1 970806
APPLICATION (CC, No, Date): EP 91118977 911107;
PRIORITY (CC, No, Date): US 614940 901116
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: **H04N-007/16**
CITED PATENTS (EP A): EP 127381 A; WO 8806826 A; US 4991208 A; US 5029207 A
CITED REFERENCES (EP A):
IEEE INTERNATIONAL CONFERENCE on CONSUMER ELECTRONICS, 6-8 June, 1990, Rosemont, Illinois, US, pages 316-317; P.J.Y. PERYET: 'Defeating pay-TV

pirates with smart cards'
INTERNATIONAL CONFERENCE on SECURE COMMUNICATION SYSTEMS, 22-23 February, 1984, IEE, London , GB, pages 66-69; A.G. MASON: 'A pay-per-view conditional access system for DBS by means of secure over-air credit transmissions';

ABSTRACT EP 485887 A2
A secure communication network serves a plurality of terminals (30, 34, 38) grouped into different security categories. Each terminal includes a replaceable security element (32, 36, 40) containing a security algorithm specific to the security category to which the terminal is assigned. Upon the breach of a particular security version, the security elements in the affected category are replaced with new elements containing a different algorithm. The security elements are relatively low cost, and can be replaced on an as needed or periodic basis to maintain system security. (see image in original document)
ABSTRACT WORD COUNT: 95

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse:	20000202	B1	Date of lapse of European Patent in a contracting state (Country, date): GR 19970806, IT 19970806,
Application :	920520	A2	Published **application** (A1with Search Report ;A2without Search Report)
Search Report:	921209	A3	Separate publication of the European or International search report
Examination:	930428	A2	Date of filing of request for examination: 930227
*Assignee:	940803	A2	Applicant (transfer of rights) (change): GI CORPORATION (1739540) 2200 Byberry Road Hatboro, Pennsylvania 19040 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;NL;SE)
*Assignee:	940921	A2	Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1783080) 181 West Madison Street Chicago, Illinois 60602 (US) (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;NL;SE)
Examination:	950405	A2	Date of despatch of first examination report: 950220
Grant:	970806	B1	Granted patent
Oppn None:	980729	B1	No opposition filed
Lapse:	991020	B1	Date of lapse of European Patent in a contracting state (Country, date): IT 19970806

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9708W1	1075
CLAIMS B	(German)	9708W1	1060
CLAIMS B	(French)	9708W1	1225
SPEC B	(English)	9708W1	2991
Total word count - document A			0
Total word count - document B			6351
Total word count - documents A + B			6351

15/5/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00459118

Addressable control system for CATV program **distribution.**
Adressierbares Steuerungssystem zur Verteilung von Kabelfernsehsendungen.
Systeme de commande adressable pour la distribution de programmes **de television par cable.**

PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION, (264771), 767 Fifth Avenue, New York New York 10153, (US), (applicant designated states: BE;CH;DE;DK;FR;GB;LI;NL;SE)
INVENTOR:
Martin, Thomas F., 1629 Villanova Drive, Richardson, Texas 75081, (US)
Chenoweth, John Stephen, 1405 Angelina Bend Drive, Denton, Texas 76205, (US)
Tinguely, Paul R., 3108 Meadow Wood Lane, Bedford, Texas 76021, (US)
LEGAL REPRESENTATIVE:
Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, W-7000 Stuttgart 1, (DE)
PATENT (CC, No, Kind, Date): EP 452717 A2 911023 (Basic)
EP 452717 A3 930210
APPLICATION (CC, No, Date): EP 91104847 910327;
PRIORITY (CC, No, Date): US 510287 900416
DESIGNATED STATES: BE; CH; DE; DK; FR; GB; LI; NL; SE
INTERNATIONAL PATENT CLASS: **H04N-007/16** ; H04H-001/02
CITED PATENTS (EP A): US 4823386 A; US 4823386 A; US 4878245 A; US 4810898 A

ABSTRACT EP 452717 A2

Remote **control** of subscriber **access** to premium programs on a cable television system or the like is provided. A signal path (13) carries **program** signals received from a cable television system. A switchable port (20) coupled to the signal path is identified by a logical channel number. First data are received and stored from the cable television system assigning a service code to the logical channel. Second data are received and stored from the cable television system identifying authorized service codes. The assigned logical channel service code is periodically compared to the stored authorized service codes to determine if the logical channel is authorized. The port (20) is switched to provide or deny access to a **program** signal carried on the signal path, depending on whether the service code assigned to the logical channel identifying the port is authorized. A plurality of ports (20,22,24,26) can be provided to enable subscriber access to different premium services. Each port (20,22,24,26) can couple a trap (30,32,34,36) to the signal path, alternately bypass the trap, or alternately open the signal path to disconnect a subscriber. (see image in original document)
ABSTRACT WORD COUNT: 188

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application :	911023	A2	Published **application** (A1with Search Report ;A2without Search Report)
Change:	930203	A2	Obligatory supplementary classification (change)
Search Report:	930210	A3	Separate publication of the European or International search report
Withdrawal:	940406	A2	Date on which the European patent **application** was deemed to be withdrawn: 930811

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	2414
SPEC A	(English)	EPABF1	7758
Total word count - document A			10172

Total word count - document B 0
Total word count - documents A + B 10172

15/5/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00391495
Functionally modifiable cable television converter system
Kabelfernsehkonvertersystem mit modifizierbarer Funktion
Systeme convertisseur pour television par cable fonctionnellement modifiable

PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION OF DELAWARE, (1783080), 181 West Madison Street, Chicago, Illinois 60602, (US), (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)
INVENTOR:
Kauffman, Marc W., 420 Franklin Avenue, Cheltenham, Pennsylvania 19012, (US)
Miller, Michael R., 98 Onieda Avenue, Moorestown, New Jersey 08057, (US)
LEGAL REPRESENTATIVE:
Hoeger, Stellrecht & Partner (100381), Uhlandstrasse 14 c, 70182 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 399200 A2 901128 (Basic)
EP 399200 A3 920708
EP 399200 B1 970618
APPLICATION (CC, No, Date): EP 90107108 900412;
PRIORITY (CC, No, Date): US 357174 890525
DESIGNATED STATES: AT; BE; CH; DE; DK; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: **H04N-007/16**
CITED PATENTS (EP A): US 4623920 A; EP 187973 A; EP 132401 A; US 4623920 A
CITED REFERENCES (EP A):
FUNKSCHAU, no. 5, 24th February 1989, pages 59-62; C. SCHEPERS: "Der Schl}ssel zum Scrambling-Problem?";

ABSTRACT EP 399200 A2
A cable television converter with remotely modifiable functionality receives firmware downloaded over a cable television network. The integrity of the firmware is verfied and if valid, the firmware is executed to provide one or more converter funtions. If the firmware is invalid, default operation **software** contained in ROM is executed instead of the firmware to return the converter to baseline operation. In one embodiment, the converter includes a frequency agile data receiver to receive control instructions on a first data channel and firmware on a second data channel. The receiver is forced back to the first channel if a successful firmware download does not occur on the second channel within a predetermined time period. The firmware is continuously transmitted in short segments, and the converter can continue to receive segments until all the segments of a designated firmware package have been successfully downloaded, unless the predetermined time limit expires sooner. (see image in original document)
ABSTRACT WORD COUNT: 159

LEGAL STATUS (Type, Pub Date, Kind, Text):
Application : 9Q1128 A2 Published **applicatio**n (A1with Search Report ;A2without Search Report)
Search Report: 920708 A3 Separate publication of the European or International search report
Examination: 921202 A2 Date of filing of request for examination: 921006

*Assignee:	940803	A2	Applicant (transfer of rights) (change): GI CORPORATION (1739540) 2200 Byberry Road Hatboro, Pennsylvania 19040 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)
*Assignee:	940921	A2	Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1783080) 181 West Madison Street Chicago, Illinois 60602 (US) (applicant designated states: AT;BE;CH;DE;DK;FR;GB;IT;LI;NL;SE)
Examination:	940928	A2	Date of despatch of first examination report: 940812
Change:	970618	A2	Miscellaneous (change)
Grant:	970618	B1	Granted patent
Oppn None:	980610	B1	No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1910
CLAIMS B	(English)	EPAB97	781
CLAIMS B	(German)	EPAB97	717
CLAIMS B	(French)	EPAB97	899
SPEC A	(English)	EPABF1	6549
SPEC B	(English)	EPAB97	7140
Total word count - document A			8459
Total word count - document B			9537
Total word count - documents A + B			17996

15/5/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00369977
Impulse pay per view programming distribution control system.
Steuersystem zur Verteilung von Vorauszahlungsprogrammen.
Systeme de commande pour la distribution de programmes **a prepaiement.**
PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION OF DELAWARE, (1403171), 2200 Byberry Road, Hatboro, Pennsylvania 19040, (US), (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)
INVENTOR:
Bennett, Christopher John, 4820 Vista Street, San Diego California 92116, (US)
LEGAL REPRESENTATIVE:
Blatchford, William Michael et al (48801), Withers & Rogers 4 Dyer's Buildings Holborn, London EC1N 2JT, (GB)
PATENT (CC, No, Kind, Date): EP 363081 A2 900411 (Basic)
EP 363081 A3 910925
EP 363081 B1 940615
APPLICATION (CC, No, Date): EP 89309908 890928;
PRIORITY (CC, No, Date): US 255117 881007
DESIGNATED STATES: BE; CH; DE; FR; GB; LI; NL; SE
INTERNATIONAL PATENT CLASS: **H04N-007/16** ; H04N-007/167
CITED PATENTS (EP A): EP 187961 A; EP 164983 A; EP 180460 A; US 4475123 A; WO 8500718 A; US 4751732 A

ABSTRACT EP 363081 A2
A distribution control system for controlling the distribution of scrambled impulse pay per view (IPPV) programming from a plurality of different IPPV **programmers** to a plurality of descramblers (20, 21). The

system includes a plurality of business data processing systems(10, 11) a plurality of channel control systems (14, 15) respectively related to a plurality of the given IPPV **programmers** , and an IPPV management system (17.). The business data processing systems (10, 11) process view history data (24, 25) identifying descrambled IPPV programs and credit data for individual descramblers and cost data(33, 34) for IPPV programs provided by given IPPV **programmers** and provide credit data and IPPV authorization data (39, 40)pertaining to individual descramblers (20, 21). Each of the channel control systems (14, 15)provides descrambler messages (33, 34) containing identification, cost and IPPV status data for individual IPPV programs. The IPPV data management system (17) processes the credit data and IPPV authorization data (39, 40) provided by the business data processing systems (10, 11) to provide descrambler messages 42 unique to each descrambler(20, 21) containing credit data and IPPV authorization data pertaining to the individual descrambler. The IPPV management system (17)also sorts the IPPV **program** identification and cost data (33, 34) provided by the channel control systems (14, 15) in accordance with which business data processing systems (10, 11)process data for those IPPV programs provided by the respective given IPPV **programmers** , and sorts view history data (24, 25) provided by the descramblers (20, 21) in accordance with which business data processing systems (10, 11) process data for the respective descramblers (20, 21) for the IPPV **programmers** that provide the IPPV programs identified in the view history data provided by the respective descramblers; and forwards the sorted IPPV **program** identification and cost data and the sorted view history data(36, 37)to the respective business data processing systems (10, 11).

ABSTRACT WORD COUNT: 316

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application :	900411	A2	Published **application** (A1with Search Report ;A2without Search Report)
Search Report:	910925	A3	Separate publication of the European or International search report
Examination:	920108	A2	Date of filing of request for examination: 911111
Examination:	921223	A2	Date of despatch of first examination report: 921105
*Assignee:	940525	A2	Applicant (transfer of rights) (change): GENERAL INSTRUMENT CORPORATION OF DELAWARE (1403171) 2200 Byberry Road Hatboro, Pennsylvania 19040 (US) (applicant designated states: BE;CH;DE;FR;GB;LI;NL;SE)
Grant:	940615	B1	Granted patent
Oppn None:	950607	B1	No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF1	2088
CLAIMS B	(English)	EPBBF1	1503
CLAIMS B	(German)	EPBBF1	1458
CLAIMS B	(French)	EPBBF1	1938
SPEC A	(English)	EPBBF1	5246
SPEC B	(English)	EPBBF1	5337
Total word count - document A			7334
Total word count - document B			10236
Total word count - documents A + B			17570

15/5/11 (Item 11 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

00216549

Cryptographic system for a direct broadcast by satellite network.
Verschlusselungssystem fur ein Satellitennetzwerk mit Direktubertragung.
Systeme de cryptage pour une transmission directe par circuit de satellite.

PATENT ASSIGNEE:
GENERAL INSTRUMENT CORPORATION, (264771), 767 Fifth Avenue, New York New York 10153, (US), (applicant designated states: BE;CH;DE;FR;GB;IT;LI;NL;SE)
INVENTOR:
Horne, Donald R., 20 Edgecliff Golfway 403, Don Mills Ontario, (CA)
Jeffers, John M., 141 Shaftesbury Street, 3 Downsview Ontario M3A 5M3, (CA)
LEGAL REPRESENTATIVE:
Allam, Peter Clerk et al (27601), LLOYD WISE, TREGEAR & CO. Norman House 105-109 Strand, London WC2R 0AE, (GB)

PATENT (CC, No, Kind, Date): EP 194769 B1 920506 (Basic)
APPLICATION (CC, No, Date): EP 86301211 860220;
PRIORITY (CC, No, Date): US 710385 850311
DESIGNATED STATES: BE; CH; DE; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: **H04N-007/16** ; H04L-009/00
CITED PATENTS (EP A): US 4447828 A; WO 8301881 A; WO 8500718 A; EP 123360 A

ABSTRACT EP 194769 A1

Cryptographic system for a direct broadcast by satellite network.

A cryptographic system is used for the secure transmission of digitized signals to a plurality of receivers. At the transmission end, a key consisting of two blocks (A,B), each including a plurality of key fragments, is generated. For each transmission session, different sets of key fragments may be periodically selected (13) from one of the key blocks and used to encrypt the signals (12). Data indicative of the set selection (19) is generated. The key is distributed to each receiver. The set selection data is transmitted to all receivers along with the encrypted signals and used to construct the key fragment set for decryption of the transmitted signals. During the transmission session, the other key block may be varied to form a replacement key which is distributed to each receiver. At the end of the session, the functions of the key blocks are interchanged in all receivers at one time by selecting a set in the varied key block for use in encryption and decryption.

ABSTRACT WORD COUNT: 176

LEGAL STATUS (Type, Pub Date, Kind, Text):

Examination:	870408	A1	Date of filing of request for examination: 870130
Examination:	891115	A1	Date of despatch of first examination report: 890929
Grant:	920506	B1	Granted patent
Lapse:	921202	B1	Date of lapse of the European patent in a Contracting State: CH 920506, LI 920506
Lapse:	921230	B1	Date of lapse of the European patent in a Contracting State: CH 920506, LI 920506, NL 920506
Lapse:	930331	B1	Date of lapse of the European patent in a Contracting State: BE 920506, CH 920506, LI 920506, NL 920506
Oppn None:	930428	B1	No opposition filed
Lapse:	991020	B1	Date of lapse of European Patent in a contracting state (Country, date): BE 19920506, CH 19920506, LI 19920506, IT 19920506, NL 19920506,

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LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language    Update     Word Count
      CLAIMS B  (English)   EPBBF1      1702
      CLAIMS B   (German)   EPBBF1      1664
      CLAIMS B   (French)   EPBBF1      1849
      SPEC B    (English)   EPBBF1      6403
Total word count - document A            0
Total word count - document B        11618
Total word count - documents A + B   11618
?
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File 344:Chinese Patents Abs Aug 1985-2003/Nov
         (c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2003/Sep(Updated 040105)
         (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200403
         (c) 2004  Thomson Derwent
? ds

Set     Items   Description
S1       8839   ((SECURITY OR AUTHORI?)(3N)(POLIC? OR MODULE? ? OR CONDITI-
            ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR
             ACCESS?(3N)CONTROL?) AND (SOFTWARE OR SOFT()WARE OR PROGRAM?
            OR APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?)
S2        375   S1 AND (TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV
            OR WEBTV OR WEB()TV OR INTERNET(3N)TV)
S3          3   (EPG OR ELECTRONIC()PROGRAMMING()GUIDE? ? OR VIDEO(1N)DEMA-
            ND OR VOD OR PAY()PER()VIEW OR PPW)(10N)(PARENTAL()(LOCKOUT? -
            OR LOCK()OUT OR CONTROL?) OR AGE(5N)RATING? ?)
S4          0   S3 AND S1
S5        137   S2 AND (TIME OR DATE OR DAY OR RATING? ? OR (CURRENT OR PR-
            ESENT OR USER? ? OR CHANNEL OR TUNER)(3N)(STATE? ? OR PREFERE-
            NCE? ? OR ENVIRONMENT? OR SELECT?))
S6         20   (CONDITION? OR EXPRESSION?) AND S5
S7         20   IDPAT S6 (sorted in duplicate/non-duplicate order)
S8          6   S7 AND AD=19980619:20010000/PR
S9          4   S7 AND AD=20010000:20040115/PR
S10        12   S7 NOT (S8 OR S9)
S11       117   S5 NOT S6
S12        33   S11 AND AD=20010000:20040115/PR
S13        37   S11 AND AD=19980619:20010000/PR
S14        62   S11 NOT (S12 OR S13)
S15        62   IDPAT (sorted in duplicate/non-duplicate order)
S16        61   IDPAT (primary/non-duplicate records only)
S17        12   S16 AND IC=H04N-007/16
```

10/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

06343139 **Image available**
CABLE **TV** -TELEPHONE COMPOSITE ACCESS SYSTEM AND ITS METHOD, AND MEDIUM FOR STORING COMPOSITE ACCESS **PROGRAM**

PUB. NO.: 11-284743 [JP 11284743 A]
PUBLISHED: October 15, 1999 (19991015)
INVENTOR(s): FUNAMOTO TORU
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD
APPL. NO.: 10-100655 [JP 98100655]
FILED: March 27, 1998 (19980327)

CABLE **TV** -TELEPHONE COMPOSITE ACCESS SYSTEM AND ITS METHOD, AND MEDIUM FOR STORING COMPOSITE ACCESS **PROGRAM**

ABSTRACT

PROBLEM TO BE SOLVED: To attain efficient system operation by reducing an access **time** so as to eliminate the need for setting of troublesome access **conditions** for each system, and to select a specified access system at a prescribed **time** in matching with the operation purpose.

SOLUTION: The incoming signal reception section 13 of a center 14 detects collision of incoming call signals to inform an **access control** means 11 of the **state** of an **access channel** . The **access control** means 11 selects an access system suitable for avoidance of collision among a contention system...

...and a group system prepared in advance based on the collision state, and sends the **state** of the access **channel** to an outgoing signal transmission section 12. The outgoing signal transmission section 12 multiplexes the **state** of the access **channel** to an access **channel** **state** storage area of a transmission frame and an access channel data storage area, and sends...

10/3,K/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO

03214178 **Image available**
REMOTE CONTROLLER FOR ROOM CONTROL DEVICE

PUB. NO.: 02-189678 [JP 2189678 A]
PUBLISHED: July 25, 1990 (19900725)
INVENTOR(s): KUNO ATSUSHI
APPLICANT(s): OMRON TATEISI ELECTRON CO [000294] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-010233 [JP 8910233]
FILED: January 18, 1989 (19890118)
JOURNAL: Section: P, Section No. 1117, Vol. 14, No. 474, Pg. 27, October 16, 1990 (19901016)

...JAPIO CLASS: Computer **Applications**); 31.9 (PACKAGING...

ABSTRACT

... and including the ID number in a transmission signal as information for

collation at the **time** of opening a door...

... X2 as an ID number and transmitting these numbers as a collating number at the **time** of opening the door, the same function as that of an ordinary key can be...

...18 can be used for the normal operation of an electronic apparatus (e.g. a **TV** monitor 11) as a matter of course in the room. In the case of changing...

...specific key operation before the change of the ID number is set up as a **condition** . Consequently, the **security** can be furthermore improved.

10/3,K/3 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014308507 **Image available**
WPI Acc No: 2002-129210/200217
Related WPI Acc No: 2000-571252
XRPX Acc No: N02-097384
Television **receiver with** conditional **access providing facility to** programs **in** TV **broadcast system, performs** program **blanking for non-authorized** program rating **level on receiving no code and blanking control signals**
Patent Assignee: SOUNDVIEW TECHNOLOGIES INC (SOUN-N)
Inventor: ELAM C M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6216263	B1	20010410	US 9866215	A	19980424	200217	B

Priority Applications (No Type Date): US 9866215 A 19980424
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6216263	B1		14	H04N-007/16	

Television **receiver with** conditional **access providing facility to** programs **in** TV **broadcast system, performs** program **blanking for non-authorized** program rating **level on receiving no code and blanking control signals**

Abstract (Basic):
... Data signal derivation circuit (58) separates data signal and **program** signal from which **program rating** signal is derived. No code signal is generated on detecting absence of **rating** signal. Data signal is monitored and blanking control signal is provided when portion of data signal falls below preset value. Based on no code signal and blanking signal, **program** is blanked for non-authorized **program rating** level.
... An INDEPENDENT CLAIM is also included for **program access control** method...

...To provide parental control over viewing by children of **television programs** broadcasts over **television** broadcast system...

...Ensures reliability in confirming in **program rating** data by using digital parity error rate detection circuit...
Title Terms: **TELEVISION** ;

10/3,K/4 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012998974 **Image available**
WPI Acc No: 2000-170826/200015
XRPX Acc No: N00-127015
Dynamic security method for controlling access **to function of digital** television **receiver**
Patent Assignee: GEN INSTR CORP (GENN)
Inventor: PETERKA P
Number of Countries: 087 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9966714	A1	19991223	WO 99US10780	A	19990514	200015	B
AU 9939046	A	20000105	AU 9939046	A	19990514	200024	
EP 1088446	A1	20010404	EP 99921973	A	19990514	200120	
			WO 99US10780	A	19990514		
NO 200006437	A	20010216	WO 99US10780	A	19990514	200123	
			NO 20006437	A	20001215		

Priority Applications (No Type Date): US 9889704 P 19980618
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9966714	A1	E	51	H04N-005/00	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 9939046	A			H04N-005/00	Based on patent WO 9966714
EP 1088446	A1	E		H04N-005/00	Based on patent WO 9966714
Designated States (Regional): AT BE CH DE DK ES FR GB IE LI NL SE					
NO 200006437	A			H04N-000/00	

Dynamic security method for controlling access **to function of digital** television **receiver**

Abstract (Basic):
... Based on a control signal, when associated **security policy** of **software application** is detected to be contained the permission for the **software application** to access the receiver function, it is determined whether the **condition** of receiver satisfies the data indicative of **current state** of receiver. When the **condition** is satisfied, the **software application** is allowed to access receiver function.
... A **software application** being executable in response to execution command, is provided in the receiver. Data defining a **condition** of receiver, under which the access to the receiver function by **software application** is permitted, is fed to the receiver. The **condition** indicates the **conditional** access state of receiver, including at least one of blackout state, pay-per-view state and an **authorization** state. The **condition** also indicates **user state** of receiver, comprising at least one of **user preferences** , **user** password and **user** identifier, and indicates at least one of **time** , **date** and **day** . The **condition** is also defined, at least in part, by **software application** . A **control** signal for requesting **access** to

the receiver function upon execution of **software application** , is generated. An INDEPENDENT CLAIM is also included for a dynamic security apparatus for **controlling access** to function of digital **television** receiver...

...For **controlling access** to receiver functionality and data from downloaded **application** in digital **television** receiver connected to computer, for receiving **Java** language based **applets** comprising animation, video clip, interactive game or other entertaining or educational tool, from cable or satellite **television** network or from separate telephone network...

...Provides user interface to allow user to define the permission of the **security policy** and data defining the **condition** . Allows service providers, consumer electronic (CE) manufacturers, end users or standards bodies such as advanced **television** system committee (ATSC), to define flexible **security policies** for the execution of downloaded **applications** in **DTV** receivers. Provides **security policy** to be suitable for use with parental lockout functions, **rating** controls and circular blackout. Since the **condition** indicates **user state** of receiver, **user** can include **user preferences** e.g. favorite channels or types of **programs** , user password or user identifier like code or name identifying a particular user. Since the **condition** can also indicate one of **time** , **day** and **date** , access to **programming** may be limited to certain hours of the **day** , for children...

...The figure illustrates digital **television** broadcast network...

...Title Terms: **TELEVISION** ;

10/3,K/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

011357211 **Image available**

WPI Acc No: 1997-335118/199731

XRPX Acc No: N97-278003

Wireless local area network for controlling household appliances - has transceiver and interface for each appliance to configure in response to command from network manager

Patent Assignee: LSI LOGIC CORP (LSIL-N)

Inventor: DAANE J; JAGGI S; ROSTOKER M D

Number of Countries: 006 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 782117	A1	19970702	EP 96306741	A	19960917	199731	B
JP 9200229	A	19970731	JP 96272434	A	19961015	199741	

Priority Applications (No Type Date): US 95581130 A 19951229

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 782117	A1	E	5	G08C-017/02	
Designated States (Regional): DE FR GB IT NL					
JP 9200229	A		6	H04L-012/28	

...Abstract (Basic): Network operates by a network manager executing an **application programme** stored on hard disk in a computer. It transmits a status frame to check whether...

...is switched on and stores the desired settings for these units. If e.g. the **TV** is on but the setting indicates that it should be off, the

network manager transmits a command frame to the **TV** . A communication device operates by receiving a frame and the device driver separates this into...

...manager starts with a menu specifying states such as At Home, Asleep, On Holiday. The **user selects** the **state** and the menu is updated and control is handed to the network manager. If the...

...access to other LANs in the area. So the network manager can ca ll the **police** if the **security** system is activated...

...USE/ADVANTAGE - For controlling VCR, water heater, air **conditioner** , **security** system, oven etc. Devices in network can be freely moved around untethered...

10/3,K/6 (Item 4 from file: 350)

011009476 **Image available**
WPI Acc No: 1996-506426/199650
Related WPI Acc No: 1998-569058; 2000-013128
XRPX Acc No: N96-426671

Video signal access control system e.g. for television set-top box - has set-top box with GPS receiver which receives additional GPS data from television line and verifies that box is at approved location for user

Patent Assignee: RUBIN & ASSOC INC PHILIP A (RUBI-N); RUBIN BEDNAREK & ASSOC INC (RUBI-N)
Inventor: BEDNAREK R A; RUBIN P A
Number of Countries: 023 Number of Patents: 009
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9635293	A1	19961107	WO 96US2	A	19960102	199650	B
US 5621793	A	19970415	US 95437424	A	19950505	199721	
EP 883964	A1	19981216	EP 96901610	A	19960102	199903	
			WO 96US2	A	19960102		
JP 11504486	W	19990420	JP 96533282	A	19960102	199926	
			WO 96US2	A	19960102		
BR 9608217	A	19991130	BR 968217	A	19960102	200014	
			WO 96US2	A	19960102		
KR 99008332	A	19990125	WO 96US2	A	19960102	200015	
			KR 97707858	A	19971105		
CA 2220035	C	20010320	CA 2220035	A	19960102	200120	
			WO 96US2	A	19960102		
EP 883964	B1	20030924	EP 96901610	A	19960102	200363	
			WO 96US2	A	19960102		
DE 69630146	E	20031030	DE 630146	A	19960102	200379	
			EP 96901610	A	19960102		
			WO 96US2	A	19960102		

Priority Applications (No Type Date): US 95437424 A 19950505
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9635293	A1	E	70	H04N-007/167	
Designated States (National): BR CA JP KR MX					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
US 5621793	A		18	H04N-007/167	

EP 883964 A1 E H04N-007/167 Based on patent WO 9635293
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
JP 11504486 W 58 H04N-007/16 Based on patent WO 9635293
BR 9608217 A H04N-007/167 Based on patent WO 9635293
KR 99008332 A H04N-007/167 Based on patent WO 9635293
CA 2220035 C E H04N-007/167 Based on patent WO 9635293
EP 883964 B1 E H04N-007/167 Based on patent WO 9635293
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
DE 69630146 E H04N-007/167 Based on patent EP 883964
Based on patent WO 9635293

Video signal access control **system e.g. for** television **set-top box** ...

...**has set-top box with GPS receiver which receives additional GPS data from** television **line and verifies that box is at approved location for user**

...Abstract (Basic): The **access control** system includes an integrated receiver and decoder, e.g. set-top box, which allows a user to view **television programmes** from a satellite or cable transmission system. The box receives signals from the **TV** communications channel (40) and also from GPS satellites (38). The communications signal is processed (44) and descrambled (46) and provided to the **access control** system (48). If **access** is granted the **programme** can be viewed...

...The GPS signal is fed to a simple GPS receiver (42) which provides a **time** delayed correlation signal to the GPS data processor (54). This uses the GPS data, and possibly GPS data from the **TV** channel, to confirm that the box is at an authorised location...

...ADVANTAGE - Allows additional access check on set-top boxes and provides geographical **access controls** using simple system...

...Abstract (Equivalent): A video signal **access control** system comprising a customer **access control** operable at a customer location and having...

...a **conditional** accesser operably connected to the video signal processor...

...to the video signal processor and providing a useable video output signal only upon the **conditional** accesser **authorizing** access to one or more video signals from the remote source; and...

...the customer location to receive position information from remote sources and operably connected to the **conditional** accesser, the **conditional** accesser **authorizing** access only if the GPS signal receiver receives signals consistent with the customer **access control** being at an authorized location...

...Title Terms: **TELEVISION** ;

10/3,K/7 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010904835 **Image available**
WPI Acc No: 1996-401786/199640

XRPX Acc No: N96-338512
Viewer discretion television program **control system e.g. for limiting viewing by children - stores suitability** ratings **for each** program **receivable by** television **set, with personal identification numbers being allocated to each potential viewer having allocated viewing times**
Patent Assignee: GARDNER J P (GARD-I); WEST B (WEST-I)
Inventor: GARDNER J P; WEST B
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5550575	A	19960827	US 94237658	A	19940504	199640	B

Priority Applications (No Type Date): US 94237658 A 19940504
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5550575	A		19	H04N-007/167	

Viewer discretion television program **control system e.g. for limiting viewing by children...**
...stores suitability ratings **for each** program **receivable by** television **set, with personal identification numbers being allocated to each potential viewer having allocated viewing times**

...Abstract (Basic): The viewer discretion **program** censoring system has a visual display, and a source of **programs** for viewing by a viewer on the visual display. A viewer control device is **conditionable** by a first viewing authority for identifying the content of the selectable **programs** , and allocating permissible viewing times for a viewer...

...first viewing authority is a person or a designated member of a household or a **program rating** committee. The first viewing authority is selectable from a number of **program rating** committees ...

...USE/ADVANTAGE - E.g. for **controlling access** to **television** viewing ...
...Title Terms: **TELEVISION** ;

10/3,K/8 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

009823007 **Image available**
WPI Acc No: 1994-102863/199413
XRPX Acc No: N94-080303
Evaluation method for access control **related data e.g. for** television **decoder - causing decoder, even if in standby mode, to tune to predefined audio or video channel at given** time **each night for update of entitlement to** program **access**
Patent Assignee: THOMSON MULTIMEDIA (THOH); THOMSON CONSUMER ELECTRONICS INC (THOH); THOMSON MULTIMEDIA SA (THOH)
Inventor: DIEHL E; HARMON J; HAMON J
Number of Countries: 017 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 589111	A1	19940330	EP 92402504	A	19920914	199413	B
US 5373557	A	19941213	US 93116294	A	19930903	199504	
EP 589111	B1	19970730	EP 92402504	A	19920914	199735	
DE 69221301	E	19970904	DE 621301	A	19920914	199741	

			EP 92402504	A	19920914			
ES 2107514	T3	19971201	EP 92402504	A	19920914	199803		
SG 49279	A1	19980518	SG 968724	A	19921114	199835	N	

Priority Applications (No Type Date): EP 92402504 A 19920914; SG 968724 A 19921114

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 589111	A1	E	5	H04N-007/167	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE					
US 5373557	A		4	H04K-001/00	
EP 589111	B1	E	6	H04N-007/167	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE					
DE 69221301	E			H04N-007/167	Based on patent EP 589111
ES 2107514	T3			H04N-007/167	Based on patent EP 589111
SG 49279	A1			H04N-007/167	

Evaluation method for access control **related data e.g. for** television **decoder...**

...even if in standby mode, to tune to predefined audio or video channel at given time **each night for update of entitlement to** program **access**

...Abstract (Basic): The method has a decoder for evaluating **access control** related data, and partic. entitlements, which are transmitted in a broadcast signal. In the decoder, the **time** is monitored a processor (6). All such decoders for receiving the broadcast signal are prepared to receive the **access control** related data in a session between a determined wake-up **time** and a determined sleep **time** , by using a demodulator (2), extractor (3) or processor (5) for the data...

...The processing devices are active after the wake-up **time** , and are operated in a standby mode after the sleep **time** under the control of the processor. During the session, the devices for **access control** (5) are entitled or further entitled to have access to the broadcast or additional broadcast...

...Abstract (Equivalent): Method for evaluating in a decoder **access control** related data - especially entitlements- which are transmitted within a **TV** or audio broadcasted signal, characterised in that in said decoder the **time** (4) is monitored in processor means (6) and all such decoders suited for receiving said broadcasted signal are prepared to receive said **access control** related data between a determined wake-up **time** and a determined sleep **time** - denoted as session - using means for demodulating (2) and/or extracting (2) and/or processing (5) said **access control** data, whereby these means are active after said wake-up **time** and these means are allowed to be in a stand-by mode after said sleep **time** under the control of said processor means and whereby during said session said means for **access control** (5) are entitled or further entitled to have access to said **TV** or audio broadcasted and/or further **TV** or audio broadcasted signals based on said received **access control** related data...

...Abstract (Equivalent): The decoder comprises a clock for generating a **time** representative signal; and a processor responsive to the **time** representative signal for **conditioning** components of the decoder to receive and process a transmitted signal including the **access control** data during a predetermined control interval between first and second times, and to operate in...

...An **access control** is coupled to the processor and to the input for

processing received **access control** data during the control interval. The predetermined control interval is subject to occurring during the...

...USE - For **selectively** receiving and processing **user access control** data such as in a subscriber **television** system...
...Title Terms: **TELEVISION** ;

10/3,K/9 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

008821462 **Image available**
WPI Acc No: 1991-325475/199144
XRPX Acc No: N91-249497
Selective access control appts. for audio video or television - uses locking and unlocking key sequences to inhibit and enable access totally or partially with provision for timed enable as back-up
Patent Assignee: AMSTRAD PUB LTD (AMST-N)
Inventor: ALTWASSER R F; DIXON A J
Number of Countries: 014 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9115922	A	19911017				199144	B
GB 2243472	A	19911030	GB 907135	A	19900330	199144	

Priority Applications (No Type Date): GB 907135 A 19900330
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9115922	A				

Designated States (National): FI NO SE
Designated States (Regional): AT BE CH DK ES FR GB GR IT LU NL SE
Selective access . control **appts. for audio video or** television -

...Abstract (Basic): related key press unlocking sequence enables subsequent access. Options for locking include the total off **condition**, single channel access or single channel inhibit...

...A timer function, **software** -controlled, is used to automatically unlock the equipment a set **time** after locking, e.g. 48 hours, as a precaution in case the key sequence is forgotten. The timer is reset each **time** the locking action is performed. (7pp Dwg.No.1/2)
...Title Terms: **TELEVISION** ;

10/3,K/10 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

008361223 **Image available**
WPI Acc No: 1990-248224/199033
XRPX Acc No: N90-192773
Public communication system with distributed stations - accesses decryption key sub-station associated with selective accounting system- access control **system, via serial bus**
Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG); PHILIPS GLOEILAMPENFAB NV (PHIG); PHILIPS ELECTRONICS NV (PHIG); US PHILIPS CORP (PHIG)
Inventor: WELMER H J

Number of Countries: 011 Number of Patents: 015
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 382296	A	19900816	EP 90200238	A	19900202	199033	B
NL 8900307	A	19900903				199038	
AU 9049111	A	19900816				199040	
CA 2009290	A	19900808				199043	
FI 9000556	A	19900809				199045	
JP 2250439	A	19901008				199046	
US 4980912	A	19901225	US 90474966	A	19900201	199103	
CN 1045317	A	19900912				199121	
US 5144662	A	19920901	US 90474966	A	19900201	199238	
			US 90631605	A	19901221		
EP 382296	B1	19940817	EP 90200238	A	19900202	199432	
DE 69011543	E	19940922	DE 611543	A	19900202	199437	
			EP 90200238	A	19900202		
KR 155373	B1	19981116	KR 901396	A	19900206	200029	
CA 2009290	C	20000620	CA 2009290	A	19900205	200043	
FI 108097	B1	20011115	FI 90556	A	19900205	200176	
JP 3285350	B2	20020527	JP 9024557	A	19900205	200241	

Priority Applications (No Type Date): NL 89307 A 19890208
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 382296	A				
Designated States (Regional): DE FR GB					
US 5144662	A		8	H04K-001/00	CIP of application US 90474966
					CIP of patent US 4980912
EP 382296	B1	E	11	H04N-007/167	
Designated States (Regional): DE FR GB					
DE 69011543	E			H04N-007/167	Based on patent EP 382296
KR 155373	B1			H04N-007/167	
CA 2009290	C	E		H04N-007/167	
FI 108097	B1			H04B-007/00	Previous Publ. patent FI 9000556
JP 3285350	B2		8	H04H-001/00	Previous Publ. patent JP 2250439

... accesses decryption key sub-station associated with selective accounting system- access control **system, via serial bus**

...Abstract (Basic): after reception and make decrypted information available to a reproduction apparatus. A governing accounting system/ **access control** system selectively makes one or more decryption keys available to each station. A station comprise...

...Each receiver sub-station comprises a circuit for receiving a **current program selection** from a **user** .: A storage device identifies a selective accounting system/ **access control** system thereby...

...USE - Consumer **television** . (9pp Dwg.No.1/3)
...Abstract (Equivalent): with a particular accounting/access type provided to the station by a governing accounting organisation/ **access control** organisation (42), and for making decrypted information available to a reproduction apparatus (38,40), a...

...a central bus control substation, each receiver substation comprising means (46,48) for receiving a **current program selection** from a **user** , said **program selection** causing identification of a type of accounting/access, and accessing means for via said serial...
...Abstract (Equivalent): receiver station comprises one or more description key sub-stations and thereupon may verify a **conditional**

access requirement and, in case of positive verification, forward decryption key information to the interrogating...

...stations that may be interrogated by the receiver sub-stations and thereupon may verify a **conditional** access requirement, and in case of positive verification, forward decryption key information the interrogating received...

...USE - E.g. for consumer **television** .

10/3,K/11 (Item 9 from file: 350)

008084990 **Image available**
WPI Acc No: 1989-350102/198948
XRPX Acc No: N89-266320

Management system for satellite TV - uses types of message to define user group address particular user group and send decryption key

Patent Assignee: FRANCE TELECOM (ETFR); TELEDIFFUSION DE FRANCE (TELG); ETAT FR MIN POSTES (ETFR); FRENCH GOVERNMENT (ETFR)
Inventor: BLINEAU J; COUTROT F; GUILLOU L; LENOIR V
Number of Countries: 006 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 344071	A	19891129	EP 89401435	A	19890525	198948	B
FR 2632148	A	19891201				199004	
JP 2050539	A	19900220	JP 89130284	A	19890525	199013	
US 4947428	A	19900807	US 89350793	A	19890512	199034	
EP 344071	B1	19921223	EP 89401435	A	19890525	199252	
DE 68903995	E	19930204	DE 603995	A	19890525	199306	
			EP 89401435	A	19890525		

Priority Applications (No Type Date): FR 887087 A 19880527
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 344071	A	F	11		
	Designated States (Regional): DE GB NL				
EP 344071	B1	F	14	H04N-007/16	
	Designated States (Regional): DE GB NL				
DE 68903995	E			H04N-007/16	Based on patent EP 344071

Management system for satellite TV -

...Abstract (Basic): A satellite **TV** system relies on scrambling the signal so that only user groups who have a decoder...

...it. A management message is sent in clear to all user groups containing link information, **program** information and the authentication requirements for access and conformation information about the user groups...

...message is sent in clear addressed to the particular group which is to receive the **programme** . The shared address of the user group and the organisation are specified in the conformation...

...ADVANTAGE - Is able to define user group and generate key to **programme** at **programme time** .

...Abstract (Equivalent): Process for the broadcasting of **access** title

control messages **conditional** on broadcast **programmes** , said titles being held by users forming an audience, a single digital address being allocated to each user, the broadcast **programmes** being garbled by a service key, said key being held by all users, the access to such a **programme** being linked with a use status of the service key, said process being characterised in...

...Abstract (Equivalent): defined in a manner inherent in the control messages and can undergo reconfiguration at any **time** .

...

...USE - Satellite broadcasting **television** **programmes** . (9pp)i

...Title Terms: **TELEVISION** ;

10/3,K/12 **(Item 10 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

007258924

WPI Acc No: 1987-255931/198736

XRPX Acc No: N87-191355

TV **video signals processing set - with additional memory connected to** access controller **by input**

Patent Assignee: SOYUZGIPROVODKHOZ (SOYU-R)

Inventor: BERNSHTEIN M N; MINSKII D E; POLYAKOV M E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
SU 1285623	A	19870123	SU 3936921	A	19850731	198736	B

Priority Applications (No Type Date): SU 3936921 A 19850731

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SU 1285623	A		7		

TV **video signals processing set...**

...with additional memory connected to access controller **by input**

...Abstract (Basic): Shorter **time** of processing video signals is achieved with the direct addressing of the video store by the processor. The unit includes an auxiliary memory, with input connected to the **access** **controller** , while the group of leads is linked to the group of processor leads by bidirectional...

...memory controller. The input of the latter is tied to the other output of the **access** **controller** while the output of the video processor feeds the input of the video monitor...

...video information with the video processor (8) or with the A-D converter (10). Conflicting **conditions** are prevented by **programming** the converter through the bus for receiving analog **TV** signal from the source (11...

...using computer technology e.g. in medicine and scientific research. The unit ensures checking of **programme** implementation with its monitor-indicating changes of the data dn the stack of the computer without slowing down of **programme** characteristics. Bul.3/23.1.87...

Title Terms: **TELEVISION** ;

17/3,K/1 **(Item 1 from file: 347)**
DIALOG(R)File 347:JAPIO

05894360 **Image available**
DEVICE FOR CONTROLLING DATA INPUT AND OUTPUT AND ACCESS METHOD FOR STORAGE DEVICE AND MEDIUM FOR RECORDING DATA INPUT AND OUTPUT CONTROL **PROGRAM**

PUB. NO.: 10-177460 [JP 10177460 A]
PUBLISHED: June 30, 1998 (19980630)
INVENTOR(s): OZORA MAYUMI
AOKI TAKAHIRO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 09-274054 [JP 97274054]
FILED: October 07, 1997 (19971007)

...AND ACCESS METHOD FOR STORAGE DEVICE AND MEDIUM FOR RECORDING DATA INPUT AND OUTPUT CONTROL **PROGRAM**

INTL CLASS: G06F-003/06; G06F-013/10; G11B-020/10; H04N-005/907; H04N-005/93; **H04N-007/16**
...JAPIO CLASS: **Television**); 45.2 (INFORMATION PROCESSING

ABSTRACT
... storage devices 1a-1e and the number S are mutually prime number, and classifies a **time** zone in which the plural storage devices 1a-1e operate the reading or writing of...

...request is made from a user, the slots are assigned to the user. At the **time** of operating the writing of data in the specific storage device, an **access control** means 3 operates the writing processing in the storage device by using the specific slot...

17/3,K/2 **(Item 2 from file: 347)**
DIALOG(R)File 347:JAPIO

05431883 **Image available**
PAY BROADCAST RECEIVER, PAY BROADCAST RECEPTION METHOD, PAY BROADCAST TRANSMITTER-RECEIVER AND PAY BROADCAST TRANSMISSION RECEPTION METHOD

PUB. NO.: 09-046683 [JP 9046683 A]
PUBLISHED: February 14, 1997 (19970214)
INVENTOR(s): YOSHIDA HIROYUKI
SHIROMA MAKOTO
YAMASHITA MASAMI
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-194681 [JP 95194681]
FILED: July 31, 1995 (19950731)

INTL CLASS: **H04N-007/16** ; H04H-001/00; H04N-007/167
...JAPIO CLASS: **Television**); 44.5 (COMMUNICATION

ABSTRACT
PROBLEM TO BE SOLVED: To display a charging amount of a **program** before paper view in a pay broadcast and to display total charging amount from a

prescribed **date** till a present **time** .

...

...SOLUTION: A transmitter side system sends a **program** and a charging amount for the **program** and a reception terminal equipment displays the monetary amount onto a display device 28. The name of the purchased **program** and its charging amount are stored in a **security module** 23 and the total amount of money is displayed by a display device 28 by

17/3,K/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2004 JPO & JAPIO. All rts. reserv.

05431881 **Image available**
PAY BROADCAST RECEIVER

PUB. NO.: 09-046681 [JP 9046681 A]
PUBLISHED: February 14, 1997 (19970214)
INVENTOR(s): YOSHIDA HIROYUKI
SHIROMA MAKOTO
YAMASHITA MASAMI
APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 07-192747 [JP 95192747]
FILED: July 28, 1995 (19950728)

INTL CLASS: **H04N-007/16** ; H04N-005/445; H04N-007/167
...JAPIO CLASS: **Television**)

ABSTRACT

...SOLUTION: When a **security module** 9 receives a command of an output of a channel number in flat contract at...

... 8 outputs a display signal corresponding to a channel number from the EEPROM 24. A **tuner** 20 **selects** a prescribed **channel** from a received signal and a 1st decoder 23 decodes individual information by an individual key and provides an output of the contract key. A 2nd decoder 22 decodes **program** information based on the contract key and provides an output of the scramble key. A...

17/3,K/4 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

012653288 **Image available**
WPI Acc No: 1999-459393/199939
XRPX Acc No: N99-343614
Programming **device for entertainment or communications device - uses displayed menu for selection of functions available to each user with secure access to function selection menu**
Patent Assignee: GRUNDIG AG (GRUG)
Inventor: REISS W
Number of Countries: 025 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 19745357	A1	19990415	DE 1045357	A	19971014	199939	B
EP 910215	A2	19990421	EP 98119045	A	19981008	200054	

Priority Applications (No Type Date): DE 1045357 A 19971014
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
DE 19745357 A1 6 H04N-005/44
EP 910215 A2 G 7 H04N-007/16
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI
Programming **device for entertainment or communications device...**

...Abstract (Basic): NOVELTY - The **programming** device has a display (2) on which a menu for **programming** the available functions is displayed, coupled to a control device (6) and a memory (5) in which the functions available to each **user** , as **selected** via the control, are stored, a locking device (7) **controlling** the **access** to the function availability **programming** menu. DETAILED DESCRIPTION - An entertainment device incorporating the **programming** device is independently claimed...

...USE - For restrictive **programming** of **television** receiver, video recorder, audio recording and/or playback device, or computer...

...ADVANTAGE - The **programming** device allows the functions available to **selected users** , e.g. children, to be limited. DESCRIPTION OF DRAWING(S) - The drawing shows an entertainment device provided with a **programming** device. (2) Display; (5) Memory; (6) Control; (7) Locking device...
Title Terms: **PROGRAM** ;
...International Patent Class (Main): **H04N-007/16**

17/3,K/5 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011670395 **Image available**
WPI Acc No: 1998-087304/199808
XRPX Acc No: N98-069315
Remote controller e.g. for domestic electronic equipment - has temporary cable link to computer which enables programming **of different units for specific purpose prior to use by standard radio or IR signal remote control**
Patent Assignee: LAFONT B (LAFO-I); MARCHI J (MARC-I)
Inventor: LAFONT B; MARCHI J
Number of Countries: 020 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9800971	A1	19980108	WO 97FR1173	A	19970701	199808	B
FR 2750778	A1	19980109	FR 968445	A	19960702	199809	

Priority Applications (No Type Date): FR 968445 A 19960702
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
WO 9800971 A1 F 20 H04N-007/16
Designated States (National): CA KR US
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
FR 2750778 A1 G05B-019/042

... **has temporary cable link to computer which enables** programming **of**

different units for specific purpose prior to use by standard radio or IR signal...

...Abstract (Basic): 5) is provided which forms a temporary link with a computer (6). The computer has **software** used to **program** the remote controller which is battery-powered...

...the keyboard (2), the transmitter and an optional screen display (7). A microprocessor, a real **time** calendar and a clock are also provided. A memory receives the modifiable **programming** data...

...USE - Controls electronic equipment e.g. **television** sets in hospitals, hotels etc, provides **access control** and flexitime management systems especially for use by **television** rental agencies...
...Title Terms: **PROGRAM** ;
...International Patent Class (Main): **H04N-007/16**

17/3,K/6 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

011567226 **Image available**
WPI Acc No: 1997-543707/199750
XRPX Acc No: N97-453039
Data transmission unit for e.g. cable TV system, closed-circuit TV system used in e.g. hotel, bank - has control computer which stores data exceeding number of transmission requests, into hard disk of random-access server, while storing lesser volume of data into single-access server
Patent Assignee: TOSHIBA KK (TOKE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 9261610	A	19971003	JP 9663105	A	19960319	199750	B

Priority Applications (No Type Date): JP 9663105 A 19960319
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9261610	A		18	H04N-007/16	

Data transmission unit for e.g. cable TV system, closed-circuit TV system used in e.g. hotel, bank...

...Abstract (Basic): other hand, is provided with a pair of video-tape recorders (6a) for sequential data **access** . A **control** computer (17) counts the frequency with which data transmission requests are made from one or more terminal equipments (3). **Programme** -managing memory units (11,14) store and at the same **time** execute memory control over the number of data transmission requests received per terminal equipment...
...Title Terms: **TELEVISION** ;
International Patent Class (Main): **H04N-007/16**

17/3,K/7 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

009676667 **Image available**

WPI Acc No: 1993-370220/199347
XRPX Acc No: N93-285839

Equipment control using data transmission in television **lines - downloading via transmission channel specific channel allocation table, customer VTR data and messages related to geographic place using two sets of N video lines representing two data lines**

Patent Assignee: THOMSON MULTIMEDIA (THOH); THOMSON CONSUMER ELECTRONICS INC (THOH); THOMSON MULTIMEDIA SA (THOH); THOMSON CONSUMER ELECTRONICS SA (THOH)

Inventor: DIEHL E; HAMON J

Number of Countries: 017 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 570785	A1	19931124	EP 93107503	A	19930508	199347	B
EP 582761	A1	19940216	EP 92401364	A	19920519	199407	
US 5568179	A	19961022	US 9364522	A	19930519	199648	
EP 570785	B1	19971001	EP 93107503	A	19930508	199744	
DE 69314224	E	19971106	DE 614224	A	19930508	199750	
			EP 93107503	A	19930508		
ES 2109390	T3	19980116	EP 93107503	A	19930508	199810	
SG 49266	A1	19980518	SG 968528	A	19930508	199835	

Priority Applications (No Type Date): EP 92401364 A 19920519

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 570785	A1	E	5	H04N-007/16	
Designated States (Regional): DE ES FR GB					
EP 582761	A1	E		H04N-007/16	
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE					
US 5568179	A		6	H04N-007/16	
EP 570785	B1	E	6	H04N-007/16	
Designated States (Regional): DE ES FR GB					
DE 69314224	E			H04N-007/16	Based on patent EP 570785
ES 2109390	T3			H04N-007/16	Based on patent EP 570785
SG 49266	A1			H04N-007/16	

Equipment control using data transmission in television **lines...**

...Abstract (Basic): or more lines each containing packets of digital data. Each packet contains descriptor data and **application** data and the descriptor data is used in a data dispatcher (DD) to direct the related **application** data to a separate unit (DIP, CAP) in which the respective **application** data is evaluated...

...video lines are located in the vertical blanking period. There are separate units, namely pay **TV** decoder (DIP) and a Smart card processor (CAP). All groups of lines have the same data format and error correction. The data dispatcher switches in real **time** .

...

...ADVANTAGE - Gives flexible solution to carry data for **control access** based on both Smart card and decoder for PAY **TV** system on PAL, SECAM and NTSC

...Abstract (Equivalent): Method for device control by data transmission in **TV** lines, wherein two or more groups of one or more **TV** lines each contain packets of digital data, characterised in that, each packet of digital data...

...contain information describing as a target either a smart card processor

(25) or a pay **TV** decoder processor (DIP), that the descriptor data are used in a data dispatcher (DD, 22) to direct the related **application** data to either the pay **TV** decoder processor (DIP, 26) or through a smart card interface processor (23) and a smart...

...Abstract (Equivalent): data being organized in packets of data, each of said packets including descriptor data and **application** data, apparatus comprising...

...a data extractor for extracting said descriptor data and said **application** data...

...first and second means for evaluating said **application** data; and...

...to select a particular one of said first and second evaluating means to evaluate said **application** data, and for directing said **application** data to only said particular evaluating means...

...said first evaluating means comprising a pay **TV** decoder processor and said second evaluating means comprising a **control access** processor included in a smart card for processing at least a portion of said **application** data directed to said second evaluating means...

...Title Terms: **TELEVISION** ;

International Patent Class (Main): **H04N-007/16**

17/3,K/8 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

008984544

WPI Acc No: 1992-111813/199214

XRPX Acc No: N92-083475

Access control **in sound picture and/or data distribution - has several** programme **channels for subscriber** selection **, with computer controlling** channel **shift**

Patent Assignee: TELIA AB (TELI-N); TELEVERKET (TELE-N)

Inventor: ABRAHAMSSON C; ELLSTROEM M; LUNDSTROEM L; ABRAHAMSSO C; ELLSTROM M; LUNDSTROM L I

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
SE 9002372	A	19920107	SE 902372	A	19900706	199214	B
SE 504763	C2	19970421	SE 902372	A	19900706	199722	

Priority Applications (No Type Date): SE 902372 A 19900706

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
SE 504763	C2			H04N-007/167	

Access control **in sound picture and/or data distribution...**

...**has several** programme **channels for subscriber** selection **, with computer controlling** channel **shift**

...Abstract (Basic): Channels contain **programmes** , access to which by viewers is controlled. The **programme** channels are fed into a distributer which divides the signals to six controllable down-converters...

...cable and/or radio medium and/or optic fibre. A subscriber administration computer controls which **programme** channel is to be

transmitted on the respective distribution channels. This can be changed so...

...USE/ADVANTAGE - Esp. pay **television** networks to prevent unauthorised viewing of transmitted **programmes** .

...Title Terms: **PROGRAMME** ;
...International Patent Class (Additional): **H04N-007/16**

17/3,K/9 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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007887762
WPI Acc No: 1989-152874/198921
XRPX Acc No: N89-116641
Selected programme access control **for** TV **receiver - has module added between remote control input and tuner, accepting pre-** programmed **memory which determines channels actually available**
Patent Assignee: OCEANIC SA (OCEA-N)
Inventor: THEVENIN C G J
Number of Countries: 013 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 317404	A	19890524	EP 88402833	A	19881110	198921	B
FR 2623355	A	19890519				198927	

Priority Applications (No Type Date): FR 8715733 A 19871113
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 317404	A	F	9		

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

Selected programme access control **for** TV **receiver...**
...has module added between remote control input and tuner, accepting pre- programmed **memory which determines channels actually available**

...Abstract (Basic): The control chain for a **television** receiver (2) incorporates the usual hand-held infra-red transmitter (3a) which acts upon a receiver (3b) in the **television** set to effect **channel selection** (4). The channels actually available are however determined by an intermediate memory module (6), located...

...The occupant of a hotel or similar room, wishing to view certain **programmes** , has the memory of the module **programmed** by the management, and is subsequently charged for the service in his bill. In an alternative **application** , the memory module is used, initially empty, to record whatever **channel selections** are made and the **time** for which they are used. This system discriminates between chargeable and non-chargeable material and...

...ADVANTAGE - Memory module provides straightforward **control** of **television access** so that selective charges can be imposed as required...
...Title Terms: **PROGRAMME** ;
...International Patent Class (Additional): **H04N-007/16**

17/3,K/10 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

004642437
WPI Acc No: 1986-145780/198623
XRPX Acc No: N86-107933
Payment control appts. for subscription TV system - has advance payment facility and detects errors acknowledged at user display terminal
Patent Assignee: SONY CORP (SONY)
Inventor: HAYASHI T; KANAYAMA I; KANNO M
Number of Countries: 010 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 183626	A	19860604	EP 85402347	A	19851129	198623	B
AU 8550377	A	19860605				198630	
JP 61129989	A	19860617	JP 84252185	A	19841129	198631	
JP 61129990	A	19860617	JP 84252186	A	19841129	198631	
US 4809325	A	19890228	US 8782999	A	19870805	198911	
CA 1257377	A	19890711				198932	
EP 183626	B	19911016				199142	
DE 3584425	G	19911121				199148	

Priority Applications (No Type Date): JP 84252186 A 19841129; JP 84252185 A 19841129
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 183626	A	E	22		
Designated States (Regional): AT BE FR GB NL					
EP 183626	B				
Designated States (Regional): AT DE FR GB NL					

Payment control appts. for subscription TV system...

...Abstract (Equivalent): A payment control appts. for a pay **television** system in which a subscriber purchases viewing **time** by advance payment to a broadcast centre (6) from which pay **television programs** are sent and are **controllably** made **accessible** to said subscriber as a function of said advance payment, said broadcast centre (6) being ...

...Abstract (Equivalent): The payment control apparatus includes a descrambler for a selected video **program** transmitted from a centre to the remote subscriber station. The control data transmitted from the...

...decoded and includes an advance deposit amount for each pay per view channel, a deposit **date** for each advance deposit amount, and **program** fee data for each channel and **program** . A memory stores at least a last advance deposit amount for each of a number of channels, and the deposit **date** for **date** for each advance deposit amount...

...amount for that channel. A subtractor is connected to the advance memory for subtracting the **program** fee data on a given channel when a **program** is received from the running balance for each such given channel...

...USE - Pay **TV** . (15pp)s
...Title Terms: **TELEVISION** ;
...International Patent Class (Additional): **H04N-007/16**

17/3,K/11 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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003884198
WPI Acc No: 1984-029737/198405
XRPX Acc No: N84-022421
Cable television **converter with key-lock to favourite channels - has** program **selection control for conversion of input channels and memory control unit with key-lock restricted access**
Patent Assignee: OAK IND INC (OAKN)
Inventor: MERRELL R G
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 4425579	A	19840110	US 81266166	A	19810522	198405	B
CA 1175554	A	19841002				198444	

Priority Applications (No Type Date): US 81266166 A 19810522
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4425579	A		5		

Cable television **converter with key-lock to favourite channels...**
...has program **selection control for conversion of input channels and memory control unit with key-lock restricted...**

...Abstract (Basic): The cable **television** converter includes an oscillator and mixer for conversion of a **selected** input **television channel** to the specific output frequency of the converter. There is a **program** selection device, and a memory responsive thereto whereby a subscriber may designate certain channels for...

...The **program** selection device provides for restricting access to only those designated channels in the memory whereby a subscriber may **control access** of members of the household to only certain permitted channels...
...Title Terms: **TELEVISION** ;
...International Patent Class (Additional): **H04N-007/16**

17/3,K/12 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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003102151
WPI Acc No: 1981-L2200D/198143
Addressable cable TV **control system - transmits** access control **data in field blanking intervals to prevent unauthorised access**
Patent Assignee: CAMPBELL J G (CAMP-I); GEN INSTR CORP (GENN); GENERAL SIGNAL CORP (GESJ); TOCOM INC (TOCO-N)
Inventor: CAMPBELL J; DENS A B; FOGLE R M; LEMBURG J R; SCHOENEBER C F
Number of Countries: 011 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 8102961	A	19811015				198143	B
EP 49280	A	19820414				198216	
JP 57500537	W	19820325				198218	
US 4536791	A	19850820	US 81617137	A	19810331	198536	
US 4862268	A	19890829	US 85708236	A	19850418	198944	
EP 49280	B	19901031				199044	

DE 3177228 G 19901206 199050

Priority Applications (No Type Date): US 80135987 A 19800331; US 81414 A 19810331; US 81617137 A 19810331; US 81348937 A 19811127; US 84617137 A 19840604

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 8102961	A	E	69		
Designated States (National): JP US					
Designated States (Regional): AT CH DE FR GB LI LU NL SE					
EP 49280	A	E			
Designated States (Regional): AT CH DE FR GB LI LU NL SE					
EP 49280	B				
Designated States (Regional): AT CH DE FR GB LI LU NL SE					

Addressable cable TV control system...

...transmits access control **data in field blanking intervals to prevent unauthorised access**

...Abstract (Basic): type, several signals are transmitted in different frequency channels. Each of several stations has a **tuner** for **selecting** one of the channels. User access may be limited to predetermined ones of the channels...

...blanking interval. Each user station which is tuned to receive a signal compares the transmitted **program** access interior with its own user access criterion and decodes the received signal only if the **program** and user access criteria correspond...

...The data transmitted in addition to the video **program** may contain both text and graphics and may be converted for display on the user...

...Title Terms: **TELEVISION** ;

...International Patent Class (Additional): **H04N-007/16**

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File 348:EUROPEAN PATENTS 1978-2004/Jan W02
         (c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20031225,UT=20031218
         (c) 2003 WIPO/Univentio
? ds

Set     Items   Description
S1      14094   ((SECURITY OR AUTHORI?)(3N)(POLIC? OR MODULE? ? OR CONDITI-
             ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR
              ACCESS?(3N)CONTROL?)(S)(SOFTWARE OR SOFT()WARE OR PROGRAM? OR
              APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?)
S2        759   S1(S)(TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV OR
              WEBTV OR WEB()TV OR INTERNET(3N)TV)
S3         57   (EPG OR ELECTRONIC()PROGRAMMING()GUIDE? ? OR VIDEO(1N)DEMA-
             ND OR VOD OR PAY()PER()VIEW OR PPW)(10N)(PARENTAL()(LOCKOUT? -
             OR LOCK()OUT OR CONTROL?) OR AGE(5N)RATING? ?)
S4          3   S3(S)S1
S5        259   S2(S)(TIME OR DATE OR DAY OR RATING? ? OR (CURRENT OR PRES-
             ENT OR USER? ? OR CHANNEL OR TUNER)(3N)(STATE? ? OR PREFERENC-
             E? ? OR ENVIRONMENT? OR SELECT?))
S6         57   (CONDITION? OR EXPRESSION?)(S)S5
S7         57   IDPAT S6 (sorted in duplicate/non-duplicate order)
S8         56   IDPAT S6 (primary/non-duplicate records only)
S9         22   S8 AND AD=19980619:20010000/PR
S10         5   S8 AND AD=20010000:20040115/PR
S11        29   S8 NOT (S9 OR S10)
S12         5   S11 AND IC=H04N-007/16
S13        23   S11 AND IC=H04N?
S14        15   S11 AND IC=H04N-007?
```

14/3,K/1 **(Item 1 from file: 348)**
DIALOG(R)File 348:EUROPEAN PATENTS

01538340
Smartcard for use with a receiver of encrypted broadcast signals, and receiver
Chipkarte und Empfanger fur den Empfang von verschlusselten Rundfunksignalen
Carte a puce utilisable avec un recepteur de signaux de radiodiffusion chiffres et recepteur
PATENT ASSIGNEE:
Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR), (Applicant designated States: all)
INVENTOR:
Maillard, Michel, 13, avenue du Parc,, 78120 Rambouillet, (FR)
Benardeau, Christian, 13, allee des Puisatiers, 77600 Bussy Saint Georges, (FR)
LEGAL REPRESENTATIVE:
Rinuy, Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris, (FR)
PATENT (CC, No, Kind, Date): EP 1282315 A2 030205 (Basic)
APPLICATION (CC, No, Date): EP 2002020550 970425;
PRIORITY (CC, No, Date): EP 97400650 970321
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
RELATED PARENT NUMBER(S) - PN (AN):
EP 968607 (EP 97921750)
INTERNATIONAL PATENT CLASS: **H04N-007/16**
ABSTRACT WORD COUNT: 84
NOTE:
Figure number on first page: 19

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200306	982
SPEC A	(English)	200306	13673
Total word count - document A			14655
Total word count - document B			0
Total word count - documents A + B			14655

INTERNATIONAL PATENT CLASS: **H04N-007/16**

...SPECIFICATION signals.
Cross reference is made to our co-pending applications, all bearing the same filing **date** , and entitled Signal Generation and Broadcasting (Attorney Reference no. PC/ASB/19707), Smartcard for use...

...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708), Broadcast and Reception System and **Conditional** Access System therefor (Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a ...

...19715), Extracting Data Sections from a Transmitted Data Stream (Attorney Reference No. PC/ASB/19716), **Access Control** System (Attorney Reference No. PC/ASB/19717), Data Processing System (Attorney Reference No. PC/ASB...

...ASB/19720). The disclosures of these documents are incorporated herein by reference. The list of **applications** includes the present **application** .

14/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01474694
Transmission and reception of television programmes and other data
Senden und Empfangen von Fernsehprogrammen und anderen Daten
Transmission et reception de programmes televises et d'autres donnees
PATENT ASSIGNEE:
Canal+ Technologies Societe Anonyme, (2995881), 34 Place Raoul Dautry, 75906 Paris Cedex 15, (FR), (Applicant designated States: all)
INVENTOR:
Furet, Thierry, 63, avenue du General Leclerc, 78120 Rambouillet, (FR)
Agasse, Bernard, Les Aquarelles 1, Les Raynes Brunes, 95610 Eragny/Oise, (FR)
Frezal-Hugonet, Claire, 5, avenue de Verdun, 91470 Limours, (FR)
Liao, Hongtao, 4, rue du Canal, 78180 Montigny-Btx, (FR)
Moly, Jacques, 60, rue Francois Villon, 91450 Soisy sur Seine, (FR)
Declerck, Christophe, 3, rue des Ormes Dancourt, 28210 Senantes, (FR)
Yang, Rui Liang, 6, rue Nicholas Chuquet, 75017 Paris, (FR)
LEGAL REPRESENTATIVE:
Rinuy, Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris, (FR)
PATENT (CC, No, Kind, Date): EP 1251699 A1 021023 (Basic)
APPLICATION (CC, No, Date): EP 2002013521 970425;
PRIORITY (CC, No, Date): EP 97400650 970321
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
RELATED PARENT NUMBER(S) - PN (AN):
EP 968610 (EP 97920748)
INTERNATIONAL PATENT CLASS: **H04N-007/24** ; H04N-005/00
ABSTRACT WORD COUNT: 93
NOTE:
Figure number on first page: 6

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200243	4514
SPEC A	(English)	200243	14770
Total word count - document A			19284
Total word count - document B			0
Total word count - documents A + B			19284

INTERNATIONAL PATENT CLASS: **H04N-007/24** ...

...SPECIFICATION on or using electrical and like signals.
Cross reference is made to our co-pending **applications** , all bearing the same filing **date** , and entitled Signal Generation and Broadcasting (Attorney Reference no. PC/ASB/19707), Smartcard for use...

...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708), Broadcast and Reception System and **Conditional** Access System therefor

(Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a ...

...Receiver/Decoder to a Computer (Attorney Reference No. PC/ASB/19711), Transmission and Reception of **Television Programmes** and Other Data (Attorney Reference No. PC/ASB/19712), Downloading Data (Attorney Reference No. PC/ASB/19713), Computer Memory Organisation (Attorney Reference No. PC/ASB/19714), **Television** or Radio Control System Development (Attorney Reference No. PC/ASB/19715), Extracting Data Sections from a Transmitted Data Stream (Attorney Reference No. PC/ASB/19716), **Access Control** System (Attorney Reference No. PC/ASB/19717), Data Processing System (Attorney Reference No. PC/ASB...

...ASB/19720). The disclosures of these documents are incorporated herein by reference. The list of **applications** includes the present **application** .

14/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01474693
Downloading data
Datenfernladung
Telechargement de donnees
PATENT ASSIGNEE:
CANAL + Societe Anonyme, (1452152), 85-89 Quai Andre Citroen, 75711 Paris Cedex 15, (FR), (Applicant designated States: all)
INVENTOR:
Sarfati, Jean-Claude, 2-4, place d'Oberursel, 93800 Epinay sur Seine, (FR)
Meric, Jerome, 55, rue de Meaux, 60300 Senlis, (FR)
LEGAL REPRESENTATIVE:
Rinuy, Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris, (FR)
PATENT (CC, No, Kind, Date): EP 1251688 A1 021023 (Basic)
APPLICATION (CC, No, Date): EP 2002013520 970425;
PRIORITY (CC, No, Date): EP 97400650 970321
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
RELATED PARENT NUMBER(S) - PN (AN):
EP 974230 (EP 97921752)
INTERNATIONAL PATENT CLASS: H04N-005/00; **H04N-007/24**
ABSTRACT WORD COUNT: 183
NOTE:
Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200243	3491
SPEC A	(English)	200243	9288
Total word count - document A			12779
Total word count - document B			0
Total word count - documents A + B			12779

...INTERNATIONAL PATENT CLASS: **H04N-007/24**

...SPECIFICATION on or using electrical and like signals.
Cross reference is made to our co-pending **applications** , all bearing the same filing **date** , and entitled Signal Generation and Broadcasting (Attorney Reference no. PC/ASB/19707), Smartcard for use...
...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708), Broadcast and Reception System and **Conditional** Access System therefor (Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a ...

...Receiver/Decoder to a Computer (Attorney Reference No. PC/ASB/19711), Transmission and Reception of **Television** **Programmes** and Other Data (Attorney Reference No. PC/ASB/19712), Downloading Data (Attorney Reference No. PC/ASB/19713), Computer Memory Organisation (Attorney Reference No. PC/ASB/19714), **Television** or Radio Control System Development (Attorney Reference No. PC/ASB/19715), Extracting Data Sections from a Transmitted Data Stream (Attorney Reference No. PC/ASB/19716), **Access** **Control** System (Attorney Reference No. PC/ASB/19717), Data Processing System (Attorney Reference No. PC/ASB...

...ASB/19720). The disclosures of these documents are incorporated herein by reference. The list of **applications** includes the present **application** .

14/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01434815
Broadcast and reception system, and receiver/decoder and remote controller therefor
Rundfunk- und Empfangssystem, Empfanger/Dekoder und Fernbedienung dafur
Systeme de diffusion et de reception, recepteur/decodeur et unite de telecommande pour ce systeme
PATENT ASSIGNEE:
Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR) , (Applicant designated States: all)
INVENTOR:
Bastien, Jean-Paul, 42, rue d'Etampes, 91720 Maisse, (FR)
Declerck, Christophe, 3, rue des Ormes Dancourt, 28210 Nogent Le roi, (FR)
Bayassi, Mulham, 28-30 rue Pradier, 75019 Paris, (FR)
LEGAL REPRESENTATIVE:
Santarelli (100891), 14, avenue de la Grande Armee, 75017 Paris, (FR)
PATENT (CC, No, Kind, Date): EP 1215904 A2 020619 (Basic)
EP 1215904 A3 030507
APPLICATION (CC, No, Date): EP 2002005232 970425;
PRIORITY (CC, No, Date): EP 97400650 970321
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
RELATED PARENT NUMBER(S) - PN (AN):
EP 968608 (EP 97921757)
INTERNATIONAL PATENT CLASS: **H04N-007/16**
ABSTRACT WORD COUNT: 113
NOTE:
Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200225	484
SPEC A	(English)	200225	10763
Total word count - document A			11247
Total word count - document B			0
Total word count - documents A + B			11247

INTERNATIONAL PATENT CLASS: **H04N-007/16**

...SPECIFICATION signals.
Cross reference is made to our co-pending applications, all bearing the same filing **date** , and entitled Signal Generation and Broadcasting (Attorney Reference no. PC/ASB/19707), Smartcard for use...

...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708), Broadcast and Reception System and **Conditional** Access System therefor (Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a ...

...19715), Extracting Data Sections from a Transmitted Data Stream (Attorney Reference No. PC/ASB/19716), **Access Control** System (Attorney Reference No. PC/ASB/19717), Data Processing System (Attorney Reference No. PC/ASB...

...ASB/19720). The disclosures of these documents are incorporated herein by reference. The list of **applications** includes the present **application** .

14/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01098857
Method and apparatus for enlarging DVB-CI functionality by enabling a direct access to the conditional access module
Verfahren und Vorrichtung fur verbesserte DVB-CI Funktionalitat durch Ermoglichung eines direkten Zugriffs auf das Conditional Access Modul
Methode et appareil pour elargir les possibilites DVB-CI en permettant un acces direct au Module d'Acces Conditionnel
PATENT ASSIGNEE:
THOMSON multimedia, (1090174), 46 Quai Alphonse Le Gallo, 92100 Boulogne Billancourt, (FR), (Applicant designated States: all)
INVENTOR:
Diehl, Eric, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92100 Boulogne Billancourt, (FR)
Morcel, Stephane, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92100 Boulogne Billancourt, (FR)
Letellier, Philippe, THOMSON Multimedia, 46 quai Alphonso Le Gallo, 92100 Boulogne Billancourt, (FR)
LEGAL REPRESENTATIVE:
Ruellan-Lemonnier, Brigitte et al (47345), THOMSON multimedia, Licensing and Intellectual Property, 46 Quai Alphonse Le Gallo, 92100 Boulogne Billancourt, (FR)
PATENT (CC, No, Kind, Date): EP 964574 A1 991215 (Basic)
APPLICATION (CC, No, Date): EP 99401353 990604;
PRIORITY (CC, No, Date): EP 98401425 980611
DESIGNATED STATES: DE; FR; GB; IT
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: H04N-005/00; **H04N-007/16**

ABSTRACT WORD COUNT: 241
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9950	598
SPEC A	(English)	9950	2842
Total word count - document A			3440
Total word count - document B			0
Total word count - documents A + B			3440

...INTERNATIONAL PATENT CLASS: **H04N-007/16**

...SPECIFICATION other digital video broadcasting specification may be used.
The DVB - Common Interface (DVB-CI) for **Conditional** Access and Other Digital Video Broadcasting **Applications** is one of a few consumer hardware interfaces specified by the DVB. It is designed...

...benefits of open standardization to the supply of digital reception equipment, whilst at the same **time** making it possible for the **Conditional** Access and **security** elements of a digital **TV** receiver system to remain proprietary. By using this interface, the proprietary elements of the system can be separated from the parts required to receive and decode digital **television** and data services. They can be manufactured and distributed separately, releasing the constraints which occur...

14/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01098001
Method and apparatus for enlarging DVB-CI functionality by enabling a direct access to the Conditional Access Module
Verfahren und Vorrichtung fur verbesserte DVB-CI Funktionalitat durch Ermoglichung eines direkten Zugriffs auf das Conditional Access Modul
Methode et appareil pour elargir les possibilites DVB-CI en permettant un acces direct au Module d'Acces Conditionnel
PATENT ASSIGNEE:
THOMSON multimedia, (1090174), 46 Quai Alphonse Le Gallo, 92100 Boulogne Billancourt, (FR), (Applicant designated States: all)
INVENTOR:
Diehl, Eric, THOMSON Multimedia, 46 quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR)
Letellier, Philippe, THOMSON Multimedia, 46 quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR)
Morcel, Stephane, THOMSON Multimedia, 46 quai Alphonse Le Gallo, 92648 Boulogne Cedex, (FR)
LEGAL REPRESENTATIVE:
Zhang, Jianguo (73687), THOMSON multimedia, 46 Quai A. Le Gallo, 92100 Boulogne Billancourt, (FR)
PATENT (CC, No, Kind, Date): EP 964573 A1 991215 (Basic)
APPLICATION (CC, No, Date): EP 98401425 980611;
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-005/00; **H04N-007/16**
ABSTRACT WORD COUNT: 243
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9950	594
SPEC A	(English)	9950	2874
Total word count - document A			3468
Total word count - document B			0
Total word count - documents A + B			3468

...INTERNATIONAL PATENT CLASS: **H04N-007/16**

...SPECIFICATION other digital video broadcasting specification may be used.
The DVB - Common Interface (DVB-CI) for **Conditional** Access and Other Digital Video Broadcasting **Applications** is one of a few consumer hardware interfaces specified by the DVB. It is designed...

...benefits of open standardization to the supply of digital reception equipment, whilst at the same **time** making it possible for the **Conditional** Access and **security** elements of a digital **TV** receiver system to remain proprietary. By using this interface, the proprietary elements of the system can be separated from the parts required to receive and decode digital **television** and data services. They can be manufactured and distributed separately, releasing the constraints which occur...

14/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00996436
SMARTCARD FOR USE WITH A RECEIVER OF ENCRYPTED BROADCAST SIGNALS, AND RECEIVER
CHIPKARTE UND EMPFANGER FUR DEN EMPFANG VON VERSCHLUSSELTEN RUNDFUNKSIGNALEN
CARTE A PUCE UTILISABLE AVEC UN RECEPTEUR DE SIGNAUX DE RADIODIFFUSION CHIFFRES ET RECEPTEUR
PATENT ASSIGNEE:
Canal+ Technologies, (3376171), 34, Place Raoul Dautry, 75015 Paris, (FR) , (Proprietor designated states: all)
INVENTOR:
MAILLARD, Michel, 42, avenue du Marechal Leclerc, F-28120 Maintenon, (FR)
BENARDEAU, Christian, 13, allee des Puisatiers, F-77600 Bussy Saint Georges, (FR)
LEGAL REPRESENTATIVE:
Santarelli (100892), 14, avenue de la Grande Armee, B.P. 237, 75822 Paris Cedex 17, (FR)
PATENT (CC, No, Kind, Date): EP 968607 A1 000105 (Basic)
EP 968607 B1 030212
WO 98043425 981001
APPLICATION (CC, No, Date): EP 97921750 970425; WO 97EP2107 970425
PRIORITY (CC, No, Date): EP 97400650 970321
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; RO; SI
RELATED DIVISIONAL NUMBER(S) - PN (AN):
EP 1282315 (EP 2002020550)
INTERNATIONAL PATENT.CLASS: **H04N-007/16** ; **H04N-007/167**
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200307	679
CLAIMS B	(German)	200307	754
CLAIMS B	(French)	200307	760
SPEC B	(English)	200307	12810
Total word count - document A			0
Total word count - document B			15003
Total word count - documents A + B			15003

INTERNATIONAL PATENT CLASS: **H04N-007/16** ...
... **H04N-007/167**

...SPECIFICATION signals.
Cross reference is made to our co-pending applications, all bearing the same filing **date** , and entitled Signal Generation and Broadcasting (Attorney Reference no. PC/ASB/19707), Smartcard for use...

...Broadcast Signals, and Receiver (Attorney Reference No. PC/ASB/19708), Broadcast and Reception System and **Conditional** Access System therefor (Attorney Reference No. PC/ASB/19710), Downloading a Computer File from a ...

...19715), Extracting Data Sections from a Transmitted Data Stream (Attorney Reference No. PC/ASB/19716), **Access Control** System (Attorney Reference No. PC/ASB/19717), Data Processing System (Attorney Reference No. PC/ASB...

...Receiver/Decoder and Remote Controller therefor (Attorney Reference No. PC/ASB/19720). The list of **applications** includes the present **application** .

14/3,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00711605
Reconfigurable data processing stage
Rekonfigurierbare Datenverarbeitungsstufe
Etage d'operation de donnees reconfigurable
PATENT ASSIGNEE:
DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA 92714, (US), (Proprietor designated states: all)
INVENTOR:
Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol, BS16 1NA, (GB)
Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley, Gloucestershire, GL11 6BD, (GB)
Robbins, William Philip, 19 Springhill, Cam, Gloucestershire, GL11 5PE, (GB)
LEGAL REPRESENTATIVE:
Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20,

rue Louis Chirpaz, 69131 Ecully Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 674446 A2 950927 (Basic)
EP 674446 A3 960814
EP 674446 B1 010801
APPLICATION (CC, No, Date): EP 95301300 950228;
PRIORITY (CC, No, Date): GB 9405914 940324
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL
INTERNATIONAL PATENT CLASS: **H04N-007/24** ; G06F-013/00; G06F-009/38
ABSTRACT WORD COUNT: 144
NOTE:
Figure number on first page: 10

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	2475
CLAIMS B	(English)	200131	1079
CLAIMS B	(German)	200131	1072
CLAIMS B	(French)	200131	1186
SPEC A	(English)	EPAB95	125236
SPEC B	(English)	200131	121335
Total word count - document A			127738
Total word count - document B			124672
Total word count - documents A + B			252410

INTERNATIONAL PATENT CLASS: **H04N-007/24** ...

...SPECIFICATION codes, and JPEG marker codes, and convert them all into a form, i.e., a **control** token which includes a token stream embodying the current coding standard. The control tokens are...address are decoded to select banks of DRAM, then all possible values of these "bank **select** bits" must **select** a bank of DRAM. Otherwise, holes will be left in the address space.
A.5...value 0 in an access register indicates that the group of registers associated with that **access** register should not be modified. Writing 1 to an access register requests that a block...

14/3,K/9 (Item 9 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00692548
A SYSTEM FOR LOCAL PROCESSING/ACCESSING AND REPRESENTATION OF LARGE VOLUMES OF DATA
SYSTEM ZUR LOKALEN VERARBEITUNG/ZUGRIFF UND ZUR DARSTELLUNG VON DATEN GROSSEN VOLUMENS
SYSTEME DE TRAITEMENT/ACCES LOCAL ET DE REPRESENTATION D'IMPORTANTS VOLUMES DE DONNEES
PATENT ASSIGNEE:
Opticom ASA, (2353441), Brynsveien 3B, 0667 Oslo, (NO), (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
GUDESEN, Hans, Gude, Tyrihansveien 5, N-1600 Fredrikstad, (NO)
LEGAL REPRESENTATIVE:
Silverman, Warren et al (35861), Haseltine Lake & co, Imperial House, 15-19 Kingsway, London WC2B 6UD, (GB)
PATENT (CC, No, Kind, Date): EP 717908 A1 960626 (Basic)
EP 717908 B1 980617
WO 9507592 950316

APPLICATION (CC, No, Date): EP 94927871 940908; WO 94NO148 940908
PRIORITY (CC, No, Date): NO 933204 930908
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: **H04N-007/173** ; H04N-005/76; H04M-011/08
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; Norwegian
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9825	683
CLAIMS B	(German)	9825	685
CLAIMS B	(French)	9825	808
SPEC B	(English)	9825	4371
Total word count - document A			0
Total word count - document B			6547
Total word count - documents A + B			6547

INTERNATIONAL PATENT CLASS: **H04N-007/173** ...

...SPECIFICATION in other user-selected applications of large volumes of data, for example user-selected, but **authorized** , invoiced or **conditional** use of other forms of image data or image-like data, including consumer-adapted or...

...video/computer games. The system according to the present invention can also be used in **applications** of large volumes of data which are not image data, but, e.g., sound, including...

...music. Finally the system according to the present invention can be aimed at user-orientated **applications** of any mixture of large volumes of data which comprise image data, image-like data...

14/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00534644
Local communication bus system
Lokales Busnetzsystem
Systeme de bus de communication local
PATENT ASSIGNEE:
D2B Systems Co. Ltd., (1351770), Betchworth House, 57-65 Station Road, Redhill, Surrey RH1 1DL, (GB), (applicant designated states: AT;BE;DE;FR;GB;IT)
INVENTOR:
Welmer, Harm Jan, Betchworth House, 57-65 Station Road, Redhill, Surrey RH1 1DL, (GB)
LEGAL REPRESENTATIVE:
White, Andrew Gordon et al (73162), Philips Electronics UK Limited, Patents and Trade Marks Department, Cross Oak Lane, Redhill, Surrey RH1 5HA, (GB)
PATENT (CC, No, Kind, Date): EP 535749 A2 930407 (Basic)
EP 535749 A3 950524
EP 535749 B1 990707
APPLICATION (CC, No, Date): EP 92202992 920930;
PRIORITY (CC, No, Date): GB 9121203 911004
DESIGNATED STATES: AT; BE; DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: H02J-013/00; **H04N-007/00** ; H04B-001/20

ABSTRACT WORD COUNT: 109

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9927	707
CLAIMS B	(German)	9927	665
CLAIMS B	(French)	9927	822
SPEC B	(English)	9927	7151
Total word count - document A			0
Total word count - document B			9345
Total word count - documents A + B			9345

...INTERNATIONAL PATENT CLASS: **H04N-007/00**

...SPECIFICATION 10. This may involve channel selection in the satellite tuner, and also operations for obtaining **conditional** access **authorisation** (pay-as-you-view **television**). Clearly, for a consistent menu-based user interaction, it is desirable that such operations can...

...menu or that affects one apparatus or another (or all of them). At the same **time** , it is impracticable to expect the AVC 22 (for example) to know the menus and...

...view of the fact that these apparatuses can be added to the system at any **time** , and may come from different manufacturers.
Figure 3 illustrates how the facility to transfer menu...

14/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00213445
Digital sound/data information receiver.
Empfanger fur digitale Ton-/Dateninformationen.
Recepteur d'informations numeriques de son/ou de donnees.
PATENT ASSIGNEE:
PHILIPS ELECTRONICS UK LIMITED, (215201), Philips House 1-19 Torrington Place, London WC1E 7HD, (GB), (applicant designated states: GB)
N.V. Philips' Gloeilampenfabrieken, (200769), Groenewoudseweg 1, NL-5621 BA Eindhoven, (NL), (applicant designated states: DE;FR;IT;SE)
INVENTOR:
Brennand, Peter Robert, c/o Mullard Limited New Road, Mitcham Surrey CR4 4XY, (GB)
Murray, Bruce, c/o Mullard Limited New Road, Mitcham Surrey CR4 4XY, (GB)
LEGAL REPRESENTATIVE:
Andrews, Arthur Stanley et al (27711), PHILIPS ELECTRONICS Patents and Trade Marks Department Philips House 188 Tottenham Court Road, London W1P 9LE, (GB)
PATENT (CC, No, Kind, Date): EP 194721 A3 880323 (Basic)
EP 194721 B1 911127
APPLICATION (CC, No, Date): EP 86200349 860307;
PRIORITY (CC, No, Date): GB 8506323 850312; GB 8528229 851115
DESIGNATED STATES: DE; FR; GB; IT; SE
INTERNATIONAL PATENT CLASS: **H04N-007/08** ; H04N-011/08
ABSTRACT WORD COUNT: 164

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	436
CLAIMS B	(German)	EPBBF1	368
CLAIMS B	(French)	EPBBF1	497
SPEC B	(English)	EPBBF1	4435
Total word count - document A			0
Total word count - document B			5736
Total word count - documents A + B			5736

INTERNATIONAL PATENT CLASS: **H04N-007/08** ...

...SPECIFICATION as described in our co-pending patent application No. 8506322 (PHB 33144).
The management of **conditional** access to the video and data signals is still the subject of widespread discussion among broadcasters, setmakers and **programme** companies alike. Part 5 of the EBU documents SPB 284 and SPB 352 define, of...

...present the raw data content of these in a specific interface format. At the same **time** it accepts from a **controlled access** (CA) subsystem (not shown) via a connection 31 the control words CW1 and CW2 used to seed the descrambling pseudo random binary sequence (PRBS) generators every 256 **television** frames. Because all the **conditional** access descrambling facilities (PRBS 1/3 in the PDSR device 26 and PRBS 2 in...

...device 27 are applied via a connection 32 to respective connections 33 and 34 for **application** to the PDSR device 26 and the MACSTOR unit 8. A further data input/output...

14/3,K/12 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00402015 **Image available**
TV RATINGS SYSTEM FOR BLOCKING CHANNELS
SYSTEME D'EVALUATIONS DE TELEVISION AUX FINS DU BLOCAGE DE CANAUX
Patent Applicant/Assignee:
OKTV INC,
Inventor(s):
PERLMAN William,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9742759 A1 19971113
Application: WO 97US7741 19970507 (PCT/WO US9707741)
Priority Application: US 96643992 19960507
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU GH KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 9618

Main International Patent Class: **H04N-007/08**
Fulltext Availability:
Claims

Claim
... with
the current motion picture rating designations G. PG, PG-

13 R and X. the **rating** data may exhibit ranges of progressively increasing weight with a range in the lowest weight...

...may be thought of as corresponding to the relative degree of acceptability/unacceptability of the **television** programs. It also is contemplated that **rating** data for the entire **television** channel, and not simply for each **program** transmitted on that channel, may be provided. For example, if a **television** channel transmits **television** programs containing a modest degree of violence that occur infrequently, the **rating** for that channel (or of 5 the respective programs) may be relatively low, However, if that **television** channel transmits **television** programs containing intense violence that recurs frequently, the **rating** data is relatively high, It will be appreciated, therefore, that the **rating** data represents the average frequency of occurrence and average level of intensity of predetermined acts·(e.g., acts of violence or nudity or profanity) in **television** programs transmitted on the **television** channel.

An example of EPG data containing the 15 aforementioned **rating** data may be constructed as follows:

TABLE 1

FIELD NAME SIZE IN BYTES

Channel number 3

Start **time** 5

Program length in 3 minutes

Program name 50

Program type 10

Program genre 10

Des ription 256

Rating data 1

Turning now to Fig, 1, there is illustrated a block diagram of **television** receiver apparatus which incorporates the present invention. The apparatus illustrated in Fig. 1 may be included in a set-top converter, a **television** receiver, a video recorder or other conventional apparatus typically used to receive and cause the display of **television** pictures. A remote control unit 307 is adapted to transmit conventional control signals to the **television** receiving apparatus for controlling various functions such as **channel selection**, volume control, brightness, contrast, color adjustments, etc, ...that event the remote control unit includes an IR transmitter (not shown) and the 5 **television** receiving apparatus includes a remote IR receiver 303. Alternatively, remote control unit 307 and remote...

...the aforementioned control signals may be generated simply by operating corresponding controls directly on the **television** receiving apparatus (e.g,, channel selector 302, a volume adjustment button, a picture control button...

...received by remote

out module 310, the **television** channel associated with that **rating** data thus satisfies the predetermined content **rating** criteria and display of every **program** transmitted on that **television** channel is completely inhibited. However, if the value of the **rating** data does not exceed the predefined **rating** code, the associated **television** channel does not satisfy the predetermined content **rating** criteria and every **program** transmitted on that channel thus may be displayed.

In a selective blocking technique, if the value of the **rating** data retrieved from EPG unit 308 exceeds the predefined **rating** code retrieved from parental lock out module 310, the **television program** associated with that **rating** .data thus satisfies the predetermined content **rating** criteria and display of that **program** is inhibited or the channel broadcasting that **program** is selectively inhibited, However, if the value of the **rating** does not exceed the predefined **rating** code, the associated **television program** does not satisfy the predetermined content **rating** criteria and that **program** thus may be displayed.

A scrambler module 309 is adapted to receive the authorization status code of all channels that are receivable by the **television** receiving apparatus, for example, over a predetermined out-of-band channel. Such authorization codes are...

...codes.

Authorization status code is transmitted to scrambler module 309 periodically for each and every **television** channel that may be received by the **television** receiving apparatus shown in Fig. 1 during a selected **time** interval or a mchannel enablen command may be transmitted from the head-end controller to...

...to a cable head-end controller and request that a particular channel or a particular **program** scheduled to be broadcasted on a particular channel (as in 'pay-per-view' or 'pay-per play" **applications**) be authorized for viewing. This **time** interval may be an hour, a number of hours, a **day** , a number of days, a week, a month or a longer **time** interval.

In accordance with the present invention, it is desirable to automatically **select** another acceptable **television channel** that can be received during the same **time** interval as the unacceptable **television channel** which had been **selected** . For example, if **tuner** 306 is tuned to channel 25 at 8:00 p.m., but the **television program** broadcast over channel 25 at 8:00 p.m. is not acceptable by reason of the fact that the **rating** data associated with this **television** channel satisfies the predetermined content **rating** criteria represented by the predefined **rating** code, it is desirable to automatically tune to the next acceptable **television** channel transmitting at 8:00 p.m. to which the **television** receiving apparatus may be tuned,

As another advantageous feature of the present invention, EPG unit...

...the
present invention, it is desirable to generate a list of acceptable channels from the **television** channel information stored in EPG unit 308 which can be used to search quickly for acceptable channels without interrogating EPG unit 308. For example, when it is determined that the **television** channel to which tuner 306 is tuned is unacceptable (as by comparing the **rating** data associated with that channel to the predefined **rating** code), microprocessor 301 may generate the list by selecting from EPG unit 308 another channel, such as the next adjacent channel, comparing the **rating** data associated with the other **television** channel, and if that other **television** channel does not satisfy the predetermined content **rating** criteria (that is, if its **rating** data does not exceed the predefined **rating** code), that other **television** channel is added to the list, The microprocessor then repeats this operation for the next...

...all receivable
channels have been examined. As a result, a list of only 5 acceptable **television** channels is compiled; and this list is stored,
In one implementation of the foregoing, microprocessor...

...create the
aforementioned list in the manner just described. For example, a list of acceptable **television** channels may be compiled at every half-hour.
In yet another implementation, the aforementioned list of acceptable **television** channels may be compiled periodically by microprocessor 301 and may be modified in response to...

...at the top or beginning of the
channel listing,
It will be appreciated that the **television** channel information included in the EPG data is changed periodically; and as individual items in the **television** channel information change, the contents of EPG unit 308 are updated accordingly, It is expected...likewise will change periodically as the contents of EPG unit 308 are updated. As the **rating** data included in the **television** channel information changes, the determination of whether particular channels are acceptable likewise will change.
Although...

...Pentium microprocessor manufactured by
Intel Corp.
The manner in which microprocessor 301 determines whether the **selected television channel** (or, 5 more particularly, the **program** transmitted on that channel) is to be displayed or locked out (i,e, inhibited) is...

...flow
chart shown in Fig. 2* It is assumed that EPG unit 308 stores the **television** channel information associated with all channels before a determination is made that a

average **rating** data is then derived for each **television** channel transmitting such **television** programs. The derived **rating** data is stored in a **rating** data base 502, This database also includes the **television** channel information depicted in aforementioned Table 1. The **television** channel information, including the **rating** data, stored in **rating** database 502 for all **television** channels, is compiled by a schedule data provider 503, which may be a suitable **program** schedule service, and transmitted to a head-end controller 504 in, for example, a cable distribution system, This EPG data may comprise daily **program** schedule data, weekly **program** schedule data or monthly **program** schedule data, The **television** channel information associated with each **television** channel that may be transmitted daily, weekly or monthly from head-end controller 504 to...

...is transmitted periodically and, preferably over a channel distinct from those channels over which the **television** programs are transmitted. It will be appreciated that the transmission of EPG data from the...

14/3,K/13 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

00383254 **Image available**

IMPROVEMENTS IN RECEIVERS FOR TELEVISION SIGNALS

AMELIORATIONS POUR RECEPTEURS DE SIGNAUX DE TELEVISION

Patent Applicant/Assignee:
BRITISH SKY BROADCASTING LIMITED,
TOWNSEND Christopher Peter,
HOLLIDAY David,
CROSSLEY Robin,
WEBBER Alun David,
JAMES Nicholas,

Inventor(s):
TOWNSEND Christopher Peter,
HOLLIDAY David,
CROSSLEY Robin,
WEBBER Alun David,
JAMES Nicholas,

Patent and Priority Information (Country, Number, Date):
Patent: WO 9723997 A1 19970703
Application: WO 96GB2856 19961119 (PCT/WO GB9602856)
Priority Application: GB 9526304 19951222; GB 9616406 19960805

Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 12427

Main International Patent Class: **H04N-007/173**
Fulltext Availability:
Claims

Claim
... software and hardware of the
decoder 3 is based around an operating system 35. The **conditional** access controller 16 has associated **software** which interfaces with the operating system. The processor 23 has its own base operating system 37 which interfaces to the decoder operating system 35. **Applications** such as an intelligent electronic **programme** guide (IEPG) 39 and other **applications** 40 including interactive services interface to the operating system 35 via an **applications** interface 41 and associated **application** translator 42. The **software** for **conditional** access **applications** such as the intelligent electronic **programme** guide 39 are installed permanently within non-volazile memory, e.g. the ROM 25, of the decoder 3, but variable information such as new access codes and **TV programme** scheduling details is updated regularly via signals received from the dish 7antenna 4. Demodulated signals...

...transport
demultiplexer 15 which examines the data to decide where it should be sent. From **time** to **time** significant changes may be made to **conditional** access codes or to the manner in which the intelligent electronic **programme** guide (IEPG) 39 displays **programme** information. Also, **programmes** for additional **applications** , say an interactive shopping or banking service for example, are also supplied via the satellite for the decoder. Such **application** data is routed by the transporter 15 directly to the appropriate areas 40 of the...
...is supplied on a substantially
continuous basis in every channel. The operating data 43 includes **conditional** access data 44 associated with a channel and/or **programmes** therein which enables the **conditional access controller** 16 to determine whether or not access should be allowed to a particular **programme** by descrambling the data therefor. Additionally, operating data relating to interactive services is transmitted in...

14/3,K/14 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00376182 **Image available**
OUTPUT SWITCHING FOR LOAD LEVELLING ACROSS MULTIPLE SERVICE AREAS
COMMUTATION DES EMISSIONS REPARTISSANT LA CHARGE ENTRE PLUSIEURS ZONES DE SERVICE
Patent Applicant/Assignee:
ICTV INC,
Inventor(s):
HOARTY Leo W,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9716925 A1 19970509
Application: WO 96US17410 19961031 (PCT/WO US9617410)
Priority Application: US 95551461 19951101
Designated States: CA JP AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

server assigned to a home interface controller has put the home interface controller in communication with the requested **application** process, the communications can be handled directly. The control of the switched channel system is information service on the assigned **television** information signal. The interactive elements require greater processing requirements as interactive communications continue throughout a...

...management is also required to maintain administrative tasks such as billing. Each of the service **application** processes is in communication with a transaction interface process so that billing and credit and...

...given service area.
Referring now to FIG. 9, the output switching arrangement of the interactive **television** system of the present invention is illustrated. The present invention advantageously reduces the component requirements..:well with fewer than 350 interactive elements.
A typical broadband plant such as a cable **television** system serving a mid-sized city with perhaps SO,000 subscribers and building hybrid fiber...

...frequencies, about 400 MHz up to 750 MHz - the band typically reserved for interactive 30 **television** . Though the crosstalk problem is surmountable, it can add considerable cost to the switch. However, in addition to the novel concept of creating a metropolitan area switch for **television** channels using frequency on one axis and physical switching on the other, this invention - 31...

...service area. The system may be arranged with the rf processing units 14 putting the **television** information signals on their assigned frequencies directly. Alternatively, the rf processing units may use an...adequate distribution of switching capability
should be sufficient to satisfy a peak simultaneous usage 5 **condition** in any of the service areas.
CLAIMS:

1 A television information system having a headend...

14/3,K/15 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00194533
EXTERNAL SECURITY MODULE FOR A TELEVISION SIGNAL DECODER
MODULE DE SECURITE EXTERNE POUR DECODEUR DE SIGNAUX DE TELEVISION
Patent Applicant/Assignee:
SCIENTIFIC-ATLANTA·INC,
Inventor(s):
GAMMIE Keithy Beverly,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9111884 A1 19910808
Application: WO 91US501 19910130 (PCT/WO US9100501)
Priority Application: US 90442 19900201

Designated States: AT AU BE BR CA CH DE DK ES FR GB GR IT JP KR LU NL SE
Publication Language: English
Fulltext Word Count: 11105

Main International Patent Class: **H04N-007/167**
Fulltext Availability:
Detailed Description

Detailed Description
... to an authorized decoder cannot be read
out and transferred to other decoders.

The first **condition** can be satisfied by practical scrambling algo
rithms now available such as the DES (Data Encryption Standard) or
related algorithms,
The second **condition** requires the physical **security** of certain
devices within the **television** signal decoder and is much more difficult
to satisfy, Such a device must prevent observation...

...key
decryption process and the partially decrypted key signals,
Figure 1 shows a prior art **conditional** -access system for satellite
transmission, In encoder 101, the source **program** information 102
which comprises video signals, audio signals, and data is scrambled in
program scrambler 103 using a key from key memory 104, The scram
bling techniques used may...

...number used in the
scrambling process which is also required to "unlock" or descramble the
program in **program** descrambler 108 in decoder 106. In practice, one
key can be used (single layer encryption) or more than one key (not
shown), The key is usually changed with **time** (i.e. - monthly) to dis
courage piracy, The scrambled programs and the key are transmitted
through satellite link 105, and received by **conditional** -access decoder
106, Decoder JL06 recovers the key from the received signal, stores it
in key memory 107 and applies it to **program** descrambler 108 which
descrambles the scrambled **program** received over satellite link 105,
and outputs unscrambled **program** 109, The system is not totally
secure, as the key is transmitted in the clear...

...into the
system of Figure 1, Prior to transmission, the key used to scramble
source **program** 202 in **program** scrambler 203 is recovered from key
memory 204 and itself encrypted in key encryptor 210...
?

File 9:Business & Industry(R) Jul/1994-2004/Jan 14
(c) 2004 Resp. DB Svcs.
File 15:ABI/Inform(R) 1971-2004/Jan 15
(c) 2004 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2004/Jan 15
(c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Jan 15
(c) 2004 The Dialog Corp.
File 47:Gale Group Magazine DB(TM) 1959-2004/Jan 07
(c) 2004 The Gale group
File 75:TGG Management Contents(R) 86-2004/Jan W1
(c) 2004 The Gale Group
File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/Jan 15
(c) 2004 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2004/Jan 15
(c) 2004 The Gale Group
File 98:General Sci Abs/Full-Text 1984-2003/Nov
(c) 2003 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 15
(c) 2004 United Business Media
File 141:Readers Guide 1983-2003/Nov
(c) 2003 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2004/Jan 15
(c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Jan 15
(c) 2004 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2004/Jan 15
(c) 2004 The Dialog Corp.
File 369:New Scientist 1994-2004/Jan W1
(c) 2004 Reed Business Information Ltd.
File 484:Periodical Abs Plustext 1986-2004/Jan W2
(c) 2004 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2003/Nov
(c) 2003 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2004/Jan 15
(c) 2004 The Gale Group
File 608:KR/T Bus.News. 1992-2004/Jan 15
(c)2004 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2004/Jan 14
(c) 2004 Economist Intelligence Unit
File 613:PR Newswire 1999-2004/Jan 15
(c) 2004 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jan 15
(c) 2004 The Gale Group
File 623:Business Week 1985-2004/Jan 14
(c) 2004 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2004/Jan 15
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Jan 14
(c) 2004 San Jose Mercury News
File 635:Business Dateline(R) 1985-2004/Jan 15
(c) 2004 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jan 15
(c) 2004 The Gale Group
File 647:CMP Computer Fulltext 1988-2004/Jan W1
(c) 2004 CMP Media, LLC
File 674:Computer News Fulltext 1989-2004/Jan W1
(c) 2004 IDG Communications
File 810:Business Wire 1986-1999/Feb 28

```
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
? save temp

Set      Items   Description
S1      120784   ((SECURITY OR AUTHORI?)(3N)(POLIC? OR MODULE? ? OR CONDITI-
             ON? OR GUIDELINE? ? OR GUIDE()LINE? ? OR REGULAT? OR RULES) OR
              ACCESS?(3N)CONTROL?)(15N)(SOFTWARE OR SOFT()WARE OR PROGRAM?
             OR APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET? ?)
S2        2952   S1(15N)(TV OR TELEVISION OR DTV OR D()TV OR PC()TV OR PCTV
             OR WEBTV OR WEB()TV OR INTERNET(3N)TV)
S3         270   (EPG OR ELECTRONIC()PROGRAMMING()GUIDE? ? OR VIDEO(1N)DEMA-
             ND OR VOD OR PAY()PER()VIEW OR PPW)(10N)(PARENTAL()(LOCKOUT? -
             OR LOCK()OUT OR CONTROL?) OR AGE(5N)RATING? ?)
S4           0   S3(15N)S1
S5         168   S2(15N)(TIME OR DATE OR DAY OR RATING? ? OR (CURRENT OR PR-
             ESENT OR USER? ? OR CHANNEL OR TUNER)(3N)(STATE? ? OR PREFERE-
             NCE? ? OR ENVIRONMENT? OR SELECT?))
S6           8   (CONDITION? OR EXPRESSION?)(15N)S5
S7        9451   VCHIP OR V()CHIP
S8        6166   S7 NOT PY>1998
S9           6   S8(15N)S5
S10          4   RD S9 (unique items)
S11          6   RD S6 (unique items)
S12          4   S11 NOT PY>1998
S13          4   S12 NOT S10
S14        160   S5 NOT (S12 OR S10)
S15         86   S14 NOT PY>1998
S16         43   RD S15 (unique items)
S17         13   S16(10N)(APPLICATION? ? OR JDK??? OR JAVA OR JVM OR APPLET?
               ? OR SOFTWARE OR SOFT()WARE )
S18          0   AU=(PETERKA, P? OR PETERKA P?)
S19          0   CO=(GENERAL()INSTRUMENT)
```

10/3,K/1 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)

05129129 SUPPLIER NUMBER: 20521478 (USE FORMAT 7 OR 9 FOR FULL TEXT)
On the floor at CES. (Winter Consumer Electronics)
Electronics Now, v69, n5, p13(4)
May, 1998
ISSN: 1067-9294 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1810 LINE COUNT: 00140

... Vision had on display four outboard units that work with existing sets and the current **TV - rating** system to electronically **control** youngsters' **access** to **TV programming** . The inventor of the **V - Chip** , Tim Collings, is on Tri-Vision's board of directors.
Another product that generated some...

10/3,K/2 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.

04036701 SUPPLIER NUMBER: 18659748
Remarks to the community in Sacramento, California. (Bill Clinton speech)(Transcript)
Weekly Compilation of Presidential Documents, v32, n30, p1325(6)
July 29, 1996
DOCUMENT TYPE: Transcript ISSN: 0511-4187 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4035 LINE COUNT: 00283

... help families raise their children by challenging the entertainment community to come up with a **ratings program** for children's **television** and a **V - chip** on new televisions so people can **control** the **access** of their young children to **programs** with excessive violence or other inappropriate material. And we're doing our best and I...

10/3,K/3 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

02939736 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Remarks to the community in Sacramento, California
Clinton, William J
Weekly Compilation of Presidential Documents (IWCP), v32 n30, p1325-1330
Jul 29, 1996
ISSN: 0511-4187 JOURNAL CODE: IWCP
DOCUMENT TYPE: Speech
LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3809 LENGTH: Long (31+ col inches)

TEXT:
... help families raise their children by challenging the entertainment community to come up with a **ratings program** for children's **television** and a **V - chip** on new televisions so people can **control** the **access** of their young children to **programs** with excessive violence or other inappropriate material. And we're doing our best and I...

10/3,K/4 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

03204486 Supplier Number: 46568324 (USE FORMAT 7 FOR FULLTEXT)
THE WHITE HOUSE: Remarks by the President to the community of Sacramento
M2 Presswire, pN/A
July 24, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 3880

... help families raise their children by challenging the entertainment community to come up with a **ratings program** for children's **television** and a **V - chip** on new televisions so people can **control** the **access** of their young children to **programs** with excessive violence or other inappropriate material. And we're doing our best and I...
?

13/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

1611336 Supplier Number: 01611336 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BSkyB decoder takeover
(Circuitry in the set-top box chipset from LSI Logic will let BSkyB TV take over satellite decoders that were originally installed for other broadcasters)
Electronics Times, n 824, p 1
September 12, 1996
DOCUMENT TYPE: Journal ISSN: 0142-3118 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 410

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...s latest Integra chipset. This will be at the heart of many next-generation digital **TV** set-top boxes, not just BSkyB's. The circuitry **controls access** to **TV** signals and can be switched on at any **time** through **software** .

This means one chip can now be used by any box manufacturer for all the **conditional** access systems. Integra is being designed-in for all the conditional access systems across Europe...

13/3,K/2 (Item I from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04735699 Supplier Number: 46971190
Il ministero delle Poste ferma la tv targataStream
Sole 24ore, p11
Dec 14, 1996
Language: Italian; NONENGLISH Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...the Post Ministry, and the public body has not received any application. At the same **time** and according to the Post Ministry, Stream, as a state-owned company, is not in **conditions** to get the **authorization** to broadcast **programmes** via a cable **TV** .

13/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04182699 Supplier Number: 46110232 (USE FORMAT 7 FOR FULLTEXT)
U.S. Interactive Television Equipment and Software Markets: The Growing Importance of Interactive Television Equipment and Software
Research Studies-Frost & Sullivan, p1
Feb 1, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 633

... g., home shopping, home banking, and telemetric functions) and 3)

monitor situations (e.g., patient **condition** at home, home **security** functions, and so forth).

The potential for real **time** "impulse" type demand for interactive **television programming** has stimulated the beginning of a rapidly expanding business marked by the entry of companies...

13/3,K/4 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

02997150 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Up front: A channel for the TV wannabe: Digital television has arrived amid much hype aimed at raising viewers' expectations. Its multi-networks and explosion in choice certainly mean a revolution on the screen but will they create a jobs boom, asks Ian W
IAN WYLIE
GUARDIAN
October 03, 1998
JOURNAL CODE: FGDN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1316

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... eight. There is also likely to be a shift away from freelance workers, to full- **time** workers as a result.'

Digital **TV** will only be as good as those whose job it is to bring **programmes** to the screen, but media union Bectu has expressed concern that working **conditions** , crewing levels, job **security** , health and safety, training and equal opportunities could be compromised. And like any 'glamour' industry...
?

17/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05705165 Supplier Number: 50160926 (USE FORMAT 7 FOR FULLTEXT)
Detection Systems Announces Two More Acquisitions.
Business Wire, p07091399
July 9, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 331

... Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, **access control** and closed circuit **television applications** .
The Company, from **time** to **time** , may discuss forward-looking information. Except for the historical information contained in this release, all...

17/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

05068383 Supplier Number: 47440454 (USE FORMAT 7 FOR FULLTEXT)
Precept Software offers Windows-based "MBone Viewer" for $39.95 to academic, research users.
Business Wire, p06030126
June 3, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 668

... that delivers full-screen, full-motion video to thousands of desktop PC users at a **time** .
The **software** has three elements: the IP/ **TV** **Program** Guide, which schedules **programs** , controls user access and manages bandwidth usage; the IP/TV Video Server, which delivers live...

17/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2004 The Gale Group. All rts. reserv.

04561702 Supplier Number: 46704769 (USE FORMAT 7 FOR FULLTEXT)
BSkyB decoder takeover
Electronics Times, p1
Sept 12, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 277

... generation digital TV set-top boxes, not just BSkyB's. The circuitry controls access to **TV** signals and can be switched on at any **time** through **software** .
This means one chip can now be used by any box manufacturer for all the...

17/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

01225303 Supplier Number: 41415307 (USE FORMAT 7 FOR FULLTEXT)
Tune In to Radius for Computerized TV
Marketing Computers, v0, n0, p4
July, 1990
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 94

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...from TV/cable broadcasts, video laserdisc players, VCRs, VTRs, RGB and still video cameras. Radius **TV** comes with two **applications** : The desk **accessory** allows **users** to **control** **cha**nnel selection , volume, image quality, etc., while the Theatrics program is used for image processing and special...

17/3,K/5 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)

05268916 SUPPLIER NUMBER: 21273382 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Going wireless. (wireless local area networks)(includes related article on some wireless applications)(Column)
Day, C. William
American School & University, v71, n2, p52(2)
Oct, 1998
DOCUMENT TYPE: Column ISSN: 0003-0945 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1270 LINE COUNT: 00106

... wireless LANs represent a market and a technology that have not reached maturity.
Some wireless **applications**
* Voice communications and paging.
* e-Mail systems.
* To network computers.
* Remote data

17/3,K/6 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

10029176 SUPPLIER NUMBER: 20316305 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Detection Systems Reports Third Quarter Results and Restates Second Quarter Results.
Business Wire, p2231605
Feb 23, 1998
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 778 LINE COUNT: 00090

... Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, **access control** and closed circuit **television** **applications** .
The Company, from **time** to **time** , may discuss forward-looking

information. Except for the historical information contained in this release, all...

17/3,K/7 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

10021137 SUPPLIER NUMBER: 20304072 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Detection Systems to File for Extension of its Third Fiscal Quarter Form 10-Q Filing.
Business Wire, p2131056
Feb 13, 1998
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 210 LINE COUNT: 00022

... Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, **access control** and closed circuit **television applications** . -0- The Company, from **time** to **time** , may discuss forward-looking information. Except for the historical information contained in this release, all...

17/3,K/8 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

07198622 SUPPLIER NUMBER: 14882384 (USE FORMAT 7 OR 9 FOR FULL TEXT)
CBC is a bit down, but very much in. (Canadian Broadcasting Corp.)
Video Age International, v14, n1, p 16(1)
Jan, 1994
ISSN: 0278-5013 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 479 LINE COUNT: 00038

... Canadians are now spending less time in front of their TV screens. The broadcast regulatory **authority** CRTC has unveiled plans to increase domestic competition by inviting **applications** for about seven new national **TV** licenses. More than 100 **applications** have landed on its desk.
To add salt to these wounds, the government has drastically...

17/3,K/9 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04587411 SUPPLIER NUMBER: 08583452 (USE FORMAT 7 OR 9 FOR FULL TEXT)
RadiusTV integrates computers, TV: real-time video-in system for Mac IIs. (Radius Inc.'s RadiusTV videographics board) (product announcement)
Webster, John
MacWEEK, v4, n24, p4(1)
June 26, 1990
DOCUMENT TYPE: product announcement ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 485 LINE COUNT: 00038

... own Color Display, a $4,295 19-inch monitor.
RadiusTV ships with Theatrics image-processing **software** and a desk **accessory** that gives **control** over broadcast **channel selection** , audio volume and image quality.

The DA also can sample TV channels. While one channel...

17/3,K/10 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

03028517 Supplier Number: 46186366 (USE FORMAT 7 FOR FULLTEXT)
TITTLETATTLE
Internet Business News, pN/A
March 1, 1996
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1735

... over both cable television and the Internet... MICROSOFT CORP is supporting the development of browser **software** and a **ratings** system designed to help parents **control** their children's access to parts of the Internet through its association with the Recreational **Software** Advisory Council and its RSACi **rating** system... The NOVA SCOTIA government is adding its 11% sales tax to Internet services, including...

17/3,K/11 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire

0798265 BW1168

DETECTION SYSTEMS: Detection Systems Announces Third Quarter Sales; Announces Australian Acquisition

January 22, 1998

Byline: Business Editors

...Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, **access control** and closed circuit **television applications** .

The Company, from **time** to **time** , may discuss forward-looking information. Except for the historical information contained in this release, all...

...Company designs, manufactures and markets electronic detection, control and communication equipment for security, fire protection, **access control** and closed circuit **television applications** .

The Company, from **time** to **time** , may discuss forward-looking information. Except for the historical information contained in this release, all...

17/3,K/12 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire

0096899 BW610

SENSORMATIC: Sensormatic appoints vice president to new division

July 14, 1988

Byline: Business Editors

...was recently formed to provide specialized service to the industrial marketplace. Sensormatic products have industrial **applications** ranging from closed circuit **television** systems to **access control** and document protection devices.

Guiliano has worked for Sensormatic for ten years. During that time...

17/3,K/13 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire

1248017 LAW006
ASI Teams With LVC Technologies

DATE: March 25, 1998 08:01 EST WORD COUNT: 353

... leads and resources to provide customers a system that encompasses security, access control, closed circuit **television** (CCTV) and **time** , attendance, and labor allocation reporting **software** .

LVC Technologies, a Division of Ferguson Electric, is an independent commercial security service company that...
?